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| 5  | HUNTERS POINT SHIPYARD  |
| 6  |   |
| 7  | RESTORATION ADVISORY BOARD  |
| 8  |   |
| 9  |   |
|    | REPORTER'S TRANSCRIPT OF MEETING  |
| 10 |   |
| 11 | December 4, 2003  |
| 12 |   |
| 13 |   |
| 14 | Dago Mary's Restaurant  |
| 15 | Hunters Point Shipyard, Building 916<br>Donahue Street at Hudson Avenue |
| 16 | San Francisco, California   |
| 17 |   |
| 18 |   |
| 19 |   |
| 20 | Reported by Christine M. Niccoli, RPR, C.S.R. No. 4569                  |
| 21 | NICCOLI REPORTING   |
| 22 | 619 Pilgrim Drive   |
|    |   |
| 23 | Foster City, CA 94404-1707  |
| 24 | (650) 573-9339  |
| 25 | CERTIFIED SHORTHAND REPORTERS SERVING THE BAY AREA                      |

| 1  | PARTICIPANTS   |  |  |  |  |
|----|--|--|--|--|--|
| 2  |  |  |  |  |  |
| 3  | FACILITATOR: MARSHA PENDERGRASS - Pendergrass &            |  |  |  |  |
| 4  | Associates   |  |  |  |  |
| 5  | CO-CHAIRS: KEITH FORMAN - United States Navy SWDIV         |  |  |  |  |
| 6  | LYNNE BROWN - Communities for a Better                     |  |  |  |  |
| 7  | Environment (CBE), Community                               |  |  |  |  |
| 8  | First Coalition (CFC)                                      |  |  |  |  |
| 9  |  |  |  |  |  |
| 10 |  |  |  |  |  |
| 11 | RAB MEMBERS  |  |  |  |  |
| 12 |  |  |  |  |  |
| 13 | B LANI ASHER - Communities for a Better Environment (CBE), |  |  |  |  |
| 14 | Community First Coalition (CFC)                            |  |  |  |  |
| 15 | 5 AMY BROWNELL - San Francisco Department of Public Health |  |  |  |  |
| 16 | BARBARA BUSHNELL - R.O.S.E.S., resident                    |  |  |  |  |
| 17 | MAURICE CAMPBELL - Business Development, Inc. (BDI);       |  |  |  |  |
| 18 | Community First Coalition (CFC); New California Media;     |  |  |  |  |
| 19 | NEW BAYVIEW NEWSPAPER                                      |  |  |  |  |
| 20 | CHARLES L. DACUS, SR Hunters Point resident,               |  |  |  |  |
| 21 | R.O.S.E.S.   |  |  |  |  |
| 22 | MARIE J. FRANKLIN - Shoreview Environmental Justice        |  |  |  |  |
| 23 | Movement Inc.  |  |  |  |  |
| 24 | MARIE HARRISON - Communities for a Better Environment      |  |  |  |  |

25 (CBE), SAN FRANCISCO BAY VIEW, Greenaction

1 RAB MEMBERS [Cont.]:

2

- 3 CHEIN KAO California Department of Toxic Substances
- 4 Control (DTSC)
- 5 JACQUELINE ANN LANE U.S. Environmental Protection
- 6 Agency (EPA)
- 7 LISA LAULU A.I.G.A. 1
- 8 LEA LOIZOS Arc Ecology
- 9 KEVYN D. LUTTON Resident
- 10 JESSE MASON Community First Coalition (CFC)
- 11 JULIE MENACK San Francisco Bay Regional Water Quality
- 12 Control Board
- 13 ALLEN NUNLEY JR. Business owner, resident
- 14 KAREN G. PIERCE Bayview Advocates, BVHP Democratic
- 15 Club, BVHP Health & Environmental Assessment Program
- 16 MELITA RINES India Basin Neighborhood Association
- 17 SEALI'IMALIETOA SAM RIPLEY Samoan American Media
- 18 Services
- 19 AHIMSA PORTER SUMCHAI Bayview-Hunters Point Health &
- 20 Environmental Resource Center (HERC)
- 21 KEITH TISDELL Hunters Point resident
- 22 RAYMOND TOMPKINS Bayview-Hunters Point Coalition on
- 23 the Environment
- 24 LEILANI WRIGHT JRM Associates
- 25 ---00---

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1

- 3 ARVIND ACHARYA Innovative Technical Solutions, Inc.
- 4 (I.T.S.I.)
- 5 ANDREW L. BOZEMAN Southeast Sector Community
- 6 Development Corporation
- 7 PATRICK BROOKS United States Navy
- 8 JIM BUNGER Golden Gate Railroad Museum
- 9 LINDA CARLSEN Maurice Campbell
- 10 GLENN CHRISTENSEN United States Navy
- 11 FRANCISCO DA COSTA Environmental Justice Advocacy
- 12 MARISSA FONG Habitat for Humanity
- 13 MIGUEL GALARZA Yerba Buena Engineering & Construction,
- 14 Inc.
- 15 MAPE GALUEGA A.I.G.A. 1
- 16 BOB HOCKER Lennar/Bayview-Hunters Point Team
- 17 CAROLYN HUNTER Tetra Tech EM Inc.
- 18 PATRICK IOANE A.I.G.A. 1
- 19 RONALD WM. KEICHLINE Innovative Technical Solutions,
- 20 Inc. (I.T.S.I.)
- 21 LAFO LAULU A.I.G.A. 1
- 22 DEBRA MOORE Innovative Technical Solutions, Inc.
- 23 (I.T.S.I.)
- 24 SHERLINA NAGEER Literacy for Environmental Justice
- 25 (LEJ)

| 1 | OTHER | ATTENDEES | [Cont. | ] : |
|---|-------|-----------|--------|-----|
|---|-------|-----------|--------|-----|

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- 3 JOHN NAUER A.I.G.A. 1
- 4 DANIELLE PACIFICO-COGAN Office of Congresswoman Nancy
- 5 Pelosi
- 6 CHARLES H. PARDINI Levine-Fricke for Lennar
- 7 JOSE PAYNE United States Navy
- 8 DENNIS M. ROBINSON Shaw Environmental &
- 9 Infrastructure, Inc.
- 10 DEBORAH BERMAN SANTANA Mills College Ethnic Studies
- 11 Department
- 12 LEE H. SAUNDERS United States Navy
- 13 CLIFTON J. SMITH C.J. Smith & Associates, Eagle
- 14 Environmental Construction
- 15 PETER STROGANOFF United States Navy ROICC Office
- 16 BILL VAOVASA United Samoan Pentecostal
- 17 PETER VAOVASA A.I.G.A. 1
- 18 JULIA VETROMILE Tetra Tech EM Inc.
- 19 STEFANIE YOW Office of Congresswoman Nancy Pelosi
- 20 ---000---

Page 5

- 1 SAN FRANCISCO, CALIFORNIA, THURSDAY, DECEMBER 4, 2003
- 2 6:08 P.M.
- 3 ---00---
- 4 MS. PENDERGRASS: Welcome, everybody, to the --
- 5 MR. ATTENDEE: Right now.
- 6 MS. PIERCE: Last meeting of the year.
- 7 MS. PENDERGRASS: -- to the Thursday,
- 8 December 4th, Hunters Point Shipyard Restoration
- 9 Advisory Board meeting.
- 10 Is everybody at the right place? Nobody here
- 11 accidentally just for drinks and cocktails? We're not
- 12 here for that tonight.
- 13 All right. We're running just a little behind,
- 14 giving people a little bit of time to get here because
- 15 we do have weather issues. Okay?
- And as always, we'll start with introductions
- 17 tonight. And just for those of you who are new, the way
- 18 we work this is that the RAB introduces themselves
- 19 first, and then the audience will introduce yourselves.
- 20 Please speak loudly, clearly, and spell your last name
- 21 if you have not been to a RAB meeting before so we can
- 22 capture that.
- 23 Second agenda item on that -- or housekeeping
- 24 item is: Make sure that you sign in if you're a RAB
- 25 member so that we have a record that you were here. If

- 1 you're an alternate, please let Mr. Keichline --
- 2 Mr. Keichline, would you raise your hand. Great --
- 3 would you let Mr. Keichline know if you are an alternate
- 4 for a sitting RAB member.
- 5 All right. I'm Marsha Pendergrass from
- 6 Pendergrass & Associates, and I am your facilitator this
- 7 evening.
- 8 And can we start here?
- 9 MS. FRANKLIN: I'm Marie J. Franklin, and I am
- 10 a member of the Hunters Point area and representing
- 11 Shoreview Environmental Justice Incorporated.
- 12 MR. BROWN: Lynne Brown, Community First
- 13 Coalition, co-chair.
- 14 MR. FORMAN: Keith Forman, BRAC Environmental
- 15 Coordinator for the base and co-chair.
- MR. BROOKS: Pat Brooks, Navy lead RPM.
- 17 MR. CHRISTENSEN: Glenn Christensen, Navy,
- 18 Remedial Project Manager.
- 19 MS. MENACK: Julie Menack, Regional Water
- 20 Quality Control Board.
- 21 MR. DACUS: Charles L. Dacus, Sr., member of
- 22 ROSES and RAB. Happy holiday to everybody.
- MS. PENDERGRASS: All right.
- 24 MR. KAO: Chein Kao, State Department of Toxic
- 25 Substances Control.

- 1 MS. SUMCHAI: Ahimsa Sumchai, RAB member.
- MR. DA COSTA: Francisco Da Costa, and I'm an
- 3 alternate for Georgia.
- 4 MR. NUNLEY: I'm Allen Nunley, and I'm a RAB
- 5 member.
- 6 MS. RINES: Melita Rines, RAB member.
- 7 Keith Tisdell, RAB member.
- 8 MR. KEICHLINE: Ronald Keichline, I.T.S.I.,
- 9 community relations.
- 10 MS. MOORE: Debra Moore, I.T.S.I. community
- 11 relations.
- MR. CAMPBELL: Maurice Campbell, RAB member.
- 13 MS. ASHER: Lani Asher, Shipyard artist, RAB
- 14 member.
- MS. LANE: Jackie Lane, community involvement,
- 16 EPA.
- 17 MS. PIERCE: Karen Pierce, Bayview Hunters
- 18 Point Democratic Club, RAB member.
- 19 MS. LUTTON: Kevyn Lutton, resident.
- 20 MS. PENDERGRASS: All right. We will start
- 21 with you, the audience.
- MR. BOZEMAN: Thank you. Andrew Bozeman,
- 23 Southeast Sector Community Development Corporation.
- MR. ROBINSON: Dennis Robinson, Shaw
- 25 Environmental, Inc.

- 1 MR. GALARZA: Miguel Galarza, Yerba Buena
- 2 Engineering.
- 3 MS. YOW: Stephanie Yow from Congresswoman
- 4 Nancy Pelosi's office.
- 5 MS. PACIFICO-COGAN: Danielle Pacifico-Cogan
- 6 from Congresswoman Nancy Pelosi's office.
- 7 MR. BUNGER: Jim Bunger, Golden Gate Railroad
- 8 Museum.
- 9 MS. SANTANA: Deborah Santana, Mills College,
- 10 Oakland, California.
- MR. ACHARYA: Arvind Acharya, I.T.S.I.
- MR. STROGANOFF: Peter Stroganoff from the Navy
- 13 ROICC office.
- 14 MR. PAYNE: Jose Payne, Navy Remedial Project
- 15 Manager.
- 16 MR. SMITH: Clifton Smith, Eagle Environmental
- 17 Construction.
- MR. HOCKER: Bob Hocker, Lennar/BVHP.
- 19 MR. PARDINI: Chuck Pardini, LFR,
- 20 Levine-Fricke.
- 21 MS. PENDERGRASS: Okay. We have a couple of
- 22 new RAB members that just arrived.
- MS. BUSHNELL: Barbara Bushnell, RAB and ROSES.
- MS. HARRISON: Marie Harrison, RAB.
- 25 Unfortunately, I'm going to have to leave in a few

- 1 minutes, so I'm going to have an alternate sit in for
- 2 the rest of the meeting for me.
- 3 MS. PENDERGRASS: All right.
- 4 MS. HARRISON: And it's Dolores Santana.
- 5 MS. SANTANA: Deborah.
- 6 MS. HARRISON: Deborah. Her name is Deborah.
- 7 MS. PENDERGRASS: Very good.
- 8 All right. Our agenda tonight is going to be
- 9 just a little bit different. We're going to start out
- 10 with approving the minutes and have our normal co-chair
- 11 announcements, and then we're going to do subcommittee
- 12 reports and move into after the break having a
- 13 presentation.
- 14 In the essence of time tonight, we want to make
- 15 sure that the subcommittee reports are as concise as
- 16 possible so that we won't run over our allotted time.
- 17 And since this is our last meeting of this year, we want
- 18 to make sure that we do allow enough time at the end of
- 19 our meeting tonight to add any concerns, issues, or
- 20 things to be on agen- -- future agenda topics. So we
- 21 want to make sure we move through expediently tonight.
- One of the ways to do that is to make sure that
- 23 we have all the written reports back on the table or
- 24 that they have been given to Mr. Keichline so that
- 25 everyone can get a copy, a written copy, of subcommittee

- ${\bf 1}$  reports and secondly to not so much give a synopsis of
- 2 what happened at your meeting, but also put up any
- 3 moving action agenda items forward, so move those
- 4 motions forward right away so that we can call any vote
- 5 that's necessary at the subcommittee level.
- 6 All right. Let's approve the minutes. Has
- 7 everybody had a chance to review the minutes of our
- 8 October 23rd meeting? Are there any changes,
- 9 suggestions, comments on those minutes?
- 10 Yes.
- 11 MR. KAO: On the sixth page of last paragraph,
- 12 they referred me, "Chen Kao," to be "US EPA." Actually,
- 13 it should be DTSC.
- MS. LANE: Line 40 as well.
- MR. KAO: Line 37 and then line 40.
- MS. PENDERGRASS: All right. All right.
- 17 Mr. Keichline, do you have that correction?
- MR. KEICHLINE: Yeah, I'll make those changes.
- MS. PENDERGRASS: All right.
- 20 MR. KEICHLINE: Sorry about that.
- 21 MS. PENDERGRASS: Any other corrections or
- 22 comments?
- 23 All right. All in favor of these -- we need a
- 24 question regarding accepting these minutes.
- MR. BROWN: Question?

- 1 MS. PENDERGRASS: Would you call the question.
- 2 Can you state the question?
- 3 MR. BROWN: What?
- 4 MR. TISDELL: I make a motion.
- 5 MS. PIERCE: I move they be accepted as
- 6 corrected.
- 7 MS. PENDERGRASS: All right. Thank you.
- 8 All in favor?
- 9 THE BOARD: Aye.
- MS. PENDERGRASS: Those opposed? Any
- 11 abstentions?
- 12 (No verbal response elicited.)
- MS. PENDERGRASS: All right. Those minutes
- 14 have been approved with the -- with the corrections as
- 15 noted.
- 16 All right. Let's make sure we handle all of
- 17 our action items in the last -- from the last meeting.
- 18 The Navy was to report back to the RAB regarding
- 19 recommendations that air quality samplings be collected
- 20 for all future Hunters Point Shipyard fires. The Navy
- 21 was to respond to that.
- Mr. Forman, do you remember that?
- MR. FORMAN: Yes.
- MR. BROOKS: We got kind of two parts, and I
- 25 followed up with our Navy -- Navy quality assurance

- 1 officer, and he told me that basically there's no
- 2 precedent within the Navy for collecting air samples
- 3 around fires, and he basically told me that -- well, he
- 4 told me a couple things.
- 5 One is that you may assume that if something is
- 6 burning, the smoke is toxic and that you should take
- 7 whatever precautions that you normally would in a fire,
- 8 which is stay out of smoke, go inside, close your
- 9 windows, that kind of thing.
- 10 And then he asked that we follow up with the
- 11 Air Quality Management District here in San Francisco
- 12 area, which Keith did, and he can report back on that.
- MR. FORMAN: We also talked to the Federal Fire
- 14 Division, the FFD, chief; and again, there's really no
- 15 way to legitimately and constructively figure out a way
- 16 to monitor sampling from a fire as a momentary event
- 17 when you're on a fire engine. There's really no
- 18 equipment that does that, and there's nobody qualified
- 19 to do that in -- in that sense.
- 20 The better thing to do is actually going to
- 21 come to -- to be real here in a few weeks. So let me
- 22 briefly tell you what we found out. I think you'll be
- 23 pretty happy with the program of what's -- what's going
- 24 to occur here in the next few weeks, at the latest by
- 25 the beginning of January.

- 1 We contacted, as -- as Mr. Brooks said, the Bay
- 2 Area Air Quality Management District, BAAQMD, and the
- 3 Air Quality Management District is starting up a program
- 4 for this community. And that's a little different,
- 5 because it uses the technology that's available and the
- 6 best way available.
- 7 What they are going to do is: They have
- 8 something called a mobile van air monitoring station.
- 9 They are going to set up this air monitoring station at
- 10 100 Whitney Young Circle. Okay. That's going to be the
- 11 location of it.
- MS. PIERCE: Is this the BACAMP project?
- 13 MR. FORMAN: Yes.
- 14 The title of the project is BACAMP,
- 15 Bayview-Hunters Point Air -- I'm sorry -- Community Air
- 16 Monitoring Program. Now, this project is going to start
- 17 and -- and it will be -- consist of monitoring for 12
- 18 consecutive months. They hope to have it up in
- 19 December. At the latest, it will be operational in
- 20 January.
- 21 The mobile air monitoring station will monitor
- 22 for 70 compounds in the air. Lab analysis will be done
- 23 once every six days. And the monitoring will include
- 24 air monitoring for heavy metals. In addition to that,
- 25 there will be a series -- there is an instrument that

- 1 does continuous monitoring that will be on the
- 2 monitoring station.
- 3 AQMD is ma- -- taking a further step of
- 4 developing a Web site. The Web site is not up yet, so
- 5 they did not have a Web site address, but they will
- 6 promulgate that; and we will also let you know when we
- 7 find out -- probably at next RAB -- when that Web site
- $\ensuremath{\mathrm{8}}$  is up. And they will be posting results to the Web
- 9 site.
- 10 The current point of contact for this that --
- 11 that I spoke to at the Air Quality Management District
- 12 was Eric Stevenson. Eric Stevenson's the chief of the
- 13 air monitoring division, and he also plays a role in
- 14 this BACAMP project. He can be reached at 415-749-4695.
- And we can post that, Ron, somewhere.
- 16 He does recommend, though, please don't --
- 17 don't call him until the -- the program is up and
- 18 running. And that -- that should be, again, in the next
- 19 few weeks.
- Then he will get out a Web site, and you'll be
- 21 able to see the monitoring progress, some of it close to
- 22 real time, of what some of the monitoring they get from
- 23 their -- their station at 100 Whitney -- Whitney Young
- 24 Circle.
- 25 From this they hope to learn a lot in the

- 1 next -- in the next 12 months. But during that time
- 2 period, we'll be able to interact with them and ask them
- 3 questions about what some of their findings are. We
- 4 certainly won't have to wait for a full year. And in
- 5 that -- in that regard, we hope to find out more than
- 6 they do now about air quality in this community.
- 7 MS. PENDERGRASS: All right. Any questions
- 8 about that?
- 9 MS. SUMCHAI: I just had a response.
- 10 I had actually at the meeting last Friday at
- 11 Milton Meyer announced that CARB and the Department of
- 12 the Environment and Literacy for Environmental Justice
- 13 were working on the siting of permanent, stationary,
- 14 continuous air monitoring.
- 15 And at the start, it was my understanding that
- 16 this was going to be a permanent siting of an air
- 17 monitor. CARB throughout the state has picked some
- 18 sites, San Diego and Alameda County, where it set up
- 19 some permanent sites at schools and recreation centers
- 20 that I had hoped was going to be part of their plan for
- 21 Bayview-Hunters Point. There certainly is a lot of
- 22 justification for having one permanently sited.
- 23 So I hope that this is just a pilot and that
- 24 ultimately the data that is gathered will serve as
- 25 justification for the site of a permanent air monitor.

- 1 But it in my mind is not clear to me why there would be
- 2 a temporary, you know, air monitor here in this
- 3 community.
- 4 MR. FORMAN: Oh, because, I mean, it makes all
- 5 the sense in the world. You want to get the initial
- 6 funding to do it, and then they want to look at the
- 7 results and gauge what -- what the best case is.
- 8 I mean, this science, even though it is a
- 9 science, involves gauging what's the best
- 10 instrumentation, what's the best position to monitor.
- 11 The only way to do that is to have a pilot program.
- 12 And I thought it was actually a very great
- 13 attempt on their part to go 12 months and then during
- 14 the 12 months to step back continuously and say, "What
- 15 data are we getting?" and then "What does this data
- 16 really tell us?" you know. And they need that 12-month
- 17 period to gauge really the quality of the project.
- MR. BROOKS: And Eric said they have a
- 19 permanent station on Arkansas Street.
- MR. FORMAN: Yes.
- 21 MS. PENDERGRASS: Miss Pierce and then
- 22 Ms. Lutton.
- MS. PIERCE: Well, Keith said most of what I
- 24 was going to say --
- MS. PENDERGRASS: Okay. Then --

- 1 MS. PIERCE: -- that they needed to -- they
- 2 need to make sure that the -- the position is the
- 3 correct position. Plus, the equipment is on loan for
- 4 one year, that there isn't any funding for permanent.
- 5 But then comment, since Ray Tompkins isn't here
- 6 and he's the one that was asking for the monitoring, I
- 7 don't -- he was aware of the BACAMP project when he made
- 8 that request. I don't think this is going to satisfy
- 9 what he was attempting to -- to get at.
- 10 A couple of reasons. One, the -- the site is
- 11 if we rely on all the expert information we have
- 12 received, is upwind from the Shipyard. So it's highly
- 13 unlikely that we would be monitoring any of the air
- 14 conditions on the Shipyard itself. So that's one major
- 15 thing.
- 16 And then the other thing is that beyond the
- 17 fact that we are aware that any fire that creates
- 18 smoke -- and all fire does -- is toxic, what we are
- 19 attempting to do is learn whether or not mixed within
- 20 that smoke there are chemicals that are not naturally
- 21 found in fires elsewhere in the neighborhood.
- 22 So we appreciate your comments, but I know
- 23 that's what Ray was trying to get to, and this doesn't
- 24 reach what his goal was.
- MR. FORMAN: Okay. Well, unfortunately, yeah,

- 1 but our -- our research did conclude that there's just
- 2 no -- it's a good theoretical question, but there's no
- 3 feet-on-the-ground answer to it now. There's just no
- 4 way to do that.
- 5 MS. PENDERGRASS: Miss Lutton.
- 6 MS. LUTTON: Well, I wanted to ask also what --
- 7 you know, you said it was a science determining where to
- 8 put this thing. What -- what were the reasons that
- 9 caused them to choose 100 Whitney Young Circle?
- 10 MR. FORMAN: Why AQMD choose -- chose that?
- 11 MS. LUTTON: (Nods.)
- 12 MR. FORMAN: I don't know. We could find out
- 13 more by, you know, asking AQMD. Perhaps at a
- 14 subcommittee meeting, we could have the spokes people
- 15 for AQMD, who know about BACAMP, talk about it. I think
- 16 that's the best thing, because they would know more
- 17 about the project. They are pretty excited about the
- 18 project, and it's been a long time in the making, I
- 19 believe.
- 20 But I don't know the -- obviously, they didn't
- 21 just randomly pick that. They had a reason why the --
- 22 they thought that location was a good one for the final
- 23 project. We should probably invite them to come and
- 24 speak to us in the future.
- 25 MS. PENDERGRASS: Okay. I'm going to -- I'm

- 1 going to close the discussion on this particular action
- 2 item at this time, and perhaps we can add this to the
- 3 agenda to -- as an agenda item to be more fully
- 4 discussed with the right people here to talk about it.
- 5 I mean, if someone would like to add that at the end, we 6 can do that.
- 7 Can we kind of keep track of that, Ron? Okay.
- 8 MS. SUMCHAI: Well, let me just answer the
- 9 question. If people can get input that answers
- 10 questions, I think it should be allowed.
- 11 There's a process by which LEJ, CARB, and DOE
- 12 participated in this questionnaire asking people which
- 13 sites they wanted to have the -- you know, the station
- 14 sited at. And there were some popular sites, Third and
- 15 Palou, Whitney Young Circle, Milton Meyer.
- 16 And the decision was based on Senator Martha
- 17 Escutia's Senate Bill 25, the Children's Environmental
- 18 Protection Act, this landmark legislation that was
- 19 passed in this state.
- 20 And as a result of this legislation, there was
- 21 funding that was allocated for pilot projects by the
- 22 CARB to site these permanent air monitors in communities
- 23 where the incidence of childhood asthma was really,
- 24 really high. And that's why, you know, communities in
- 25 San Diego and Alameda County were, you know, selected.

- 1 So, you know, that forms part of the justification.
- 2 But again, you know, my -- my concern is that
- 3 there is already a compendium of data from this
- 4 community that shows that the air is not normal, you
- 5 know, with ambient testing. And I -- I'm just not
- 6 really sure why it's necessary to go forward with a
- 7 pilot project except that there may be some issues with
- 8 regard to the ideal, you know, site for -- for testing.
- 9 MS. PENDERGRASS: Dr. Sumchai, thank you for
- 10 that addition and clarification. However, that just
- 11 underscores the need to have this fully explored and
- 12 discussed as an agenda topic item.
- 13 If we can move to -- the second action item
- 14 was: Navy to ensure that 1998 Basewide Environmental
- 15 Baseline Survey was available to the RAB. Has that
- 16 happened?
- 17 MR. FORMAN: Yes.
- 18 MR. KEICHLINE: To my knowledge, that's not in
- 19 the library yet.
- 20 MS. PENDERGRASS: It's not in the library yet.
- 21 Are we going to use this as a continuation
- 22 item, then?
- MR. BROWN: Right.
- MS. PENDERGRASS: You're going to leave it on
- 25 the action item list until it's actually in the library?

- 1 MR. BROWN: Yes.
- 2 MS. RAB MEMBER: Yes.
- 3 MS. PENDERGRASS: All right.
- 4 MR. FORMAN: Well, yeah, can I --?
- 5 Ron, we went through the library last night.
- 6 MR. KEICHLINE: Right. The new EBS, the '8- --
- 7 '98 EBS that Mike Work was mentioning at a previous RAB
- 8 meeting, that was not in the library. It's not in the
- 9 administrative record either. So . . .
- 10 MS. PENDERGRASS: Does someone need to find it?
- 11 MR. FORMAN: The Basewide Environmental -- or
- 12 the EBS, the basewide EBS, is there. It's just the date
- 13 is 1996.
- 14 MR. KEICHLINE: Well, the motion at the RAB
- 15 meeting was for a 1998 EBS.
- 16 MR. FORMAN: The motion was for the document.
- 17 The year -- Apparently, someone misspoke on the year.
- 18 Yeah. It should have '96, and it is there in the
- 19 library now. We --
- MS. PENDERGRASS: Okay.
- 21 MR. FORMAN: Mr. Brooks and I confirmed that
- 22 after the subcommittee meeting last night.
- MS. PENDERGRASS: All right. So we just want
- 24 to go on record that that has been satisfied. It is in
- 25 the library, but it's a 1996. There is no 1998 EBS.

- 1 Okay?
- 2 Number 3: The SFRA to provide Marie Harrison
- 3 with a copy of the lease agreement document. Did that
- 4 happen?
- 5 MS. HARRISON: Yes.
- 6 MS. PENDERGRASS: Okay. Very fine.
- 7 And the new items were: Navy to provide
- 8 information to Mr. Mason regarding additional bonding or
- 9 retroactive waste hauling certifications, if any. Did
- 10 that happen?
- 11 MR. BROOKS: Laurie Lowman will be here in
- 12 January, and she will report on it then --
- MS. PENDERGRASS: All right.
- 14 MR. BROOKS: -- at the January RAB meeting.
- MS. PENDERGRASS: All right. So that will stay
- 16 on an action item but to be due in January? Is that
- 17 acceptable?
- 18 And then final, "Economic Subcommittee to
- 19 prepare a letter in support of Section 2912, Defense
- 20 Authorization Act, establishing preference for local
- 21 businesses." And Mr. Campbell?
- 22 MR. CAMPBELL: It is -- it is my understanding
- 23 that all contracts that are going out from this point
- 24 forth or actually earlier from this point forth, because
- 25 our last communication was in November; and so based on

- 1 that, it was going to be incorporated into all future
- 2 contracts. So we understand that has been incorporated.
- 3 MS. PENDERGRASS: So that has been ha- -- that
- 4 is already done and satisfied, then?
- 5 MR. CAMPBELL: I haven't seen it incorporated.
- 6 I've been told it has been incorporated.
- 7 MS. PENDERGRASS: Mr. Campbell --
- 8 MR. CAMPBELL: I'd like to make that
- 9 distinction.
- 10 MS. PENDERGRASS: Okay. So who's responsible,
- 11 Mr. Campbell, for making sure that this information is
- 12 brought to the RAB?
- 13 MR. CAMPBELL: The -- the person would be
- 14 Chon -- I'm sorry -- Chon Son at this point. And Chon
- 15 was being replaced by two other people, which we will
- 16 get into in the Economic Committee report.
- 17 MS. PENDERGRASS: All right. So is this a
- 18 carry-over item, or is this item satisfied, or does it
- 19 just fall off?
- 20 MR. CAMPBELL: Well, I believe I would like to
- 21 have it in writing.
- MS. PENDERGRASS: So it's a carry-over.
- MS. RAB MEMBER: Carry-over.
- MR. RAB MEMBER: Carry-over.
- MS. PENDERGRASS: All right. We will leave it

- 1 as action item until it's resolved. So, Mr. Campbell,
- 2 next month we'll be looking to you again for resolution
- 3 of this item. All right?
- 4 MR. CAMPBELL: That's correct.
- 5 MS. PENDERGRASS: Very fine.
- 6 All right. We're going to move along. We are
- 7 running just a little long already.
- 8 Mr. Forman, do you have any announcements at
- 9 this time?
- 10 (At 6:30 p.m. Mr. Mason arrives.)
- 11 MR. FORMAN: We had -- No. I think everything
- 12 I'll say will be during the presentation.
- MS. PENDERGRASS: All right.
- Mr. Brown, do you have anything to add tonight?
- MR. BROWN: Okay. Yes.
- I like to say that the Disposition Development
- 17 Agreement was accepted, and the commissioner -- the
- 18 redevelopment commissioner has voted 5 to 0 that they
- 19 accept Lennar's Disposition Development Agreement. And
- 20 also, they gave them another extension on the ENA, the
- 21 Executive Negotiation Agreement.
- 22 But with -- with that happening, the
- 23 redevelopment will happen in the Shipyard, but everybody
- 24 on the southeast side will be dislocated, you know, and
- 25 they going to bulldoze and tear down our houses. So we

- 1 won't be able to reap the benefits of the Shipyard.
- 2 So right here I have this to pass around,
- 3 and -- would you pass it down.
- 4 MR. BROOKS: Sure.
- 5 MR. BROWN: And I say we have evidence that
- 6 show the crime is taking place regarding the Shipyard
- 7 deal.
- 8 We are going to alert the State Attorney
- 9 General's Office, the United States Department of
- 10 Justice, and the Federal Bureau of Investigation. We
- 11 will ask them to investigate the Hunters Point PAC, the
- 12 San Francisco Redevelopment Agency, and the Lennar deal
- 13 as a criminal fraud concocted through a criminal
- 14 conspiracy. And we expect the results of this
- 15 investigation will require some of the conspirators to
- 16 serve hard time.
- 17 Any questions? We only can discuss it. But
- 18 next month we're going to vote on it. We only can
- 19 discuss it.
- 20 MS. PENDERGRASS: Discuss what now?
- 21 MR. BROWN: This.
- MS. PENDERGRASS: Okay.
- MS. FRANKLIN: I had a question.
- 24 I wanted to know --
- 25 MS. PENDERGRASS: Can you stand up and speak a

- 1 little louder? Miss Franklin. I'm sorry.
- MS. FRANKLIN: I have a question I wanted to
- 3 know. Mr. Brown, you said, "We." Is that --? Does
- 4 that mean the RAB?
- 5 MR. BROWN: Yes.
- 6 MS. FRANKLIN: Okay. Very good. Thank you.
- 7 MR. BROWN: We have the power to stop the
- 8 transfer. We have the power to stop the transfer.
- 9 MS. FRANKLIN: Okay. So we're going to have
- 10 special meetings about this issue sometime?
- MR. BROWN: Yes, we can go over it.
- MS. PENDERGRASS: Anybody have comments about
- 13 this or . . ?
- 14 Yes.
- MS. PACIFICO-COGAN: I have a question. I
- 16 haven't seen the document yet, but since the open
- 17 bidding process has already gone through --
- 18 MS. PENDERGRASS: Can you identify who you're
- 19 speaking on behalf of?
- 20 MS. PACIFICO-COGAN: I am -- My name is
- 21 Danielle Pacifico-Cogan, and I work for Congresswoman
- 22 Nancy Pelosi, and I have a question of clarification.
- 23 Mr. Brown said that he believes that there was
- 24 some criminal action taken by people who were involved
- 25 in the Shipyard project. And I was just wondering

- 1 what -- the documentation that you're using, I haven't
- 2 had a chance to review it yet, but I'm kind of -- I'm
- 3 wondering outside of the fact that there was an open
- 4 bidding process.
- 5 MR. BROWN: No open bidding.
- 6 MS. PACIFICO-COGAN: There was no -- okay. So
- 7 that's my question, essentially. Was there an open
- 8 bidding process?
- 9 MR. BROWN: No.
- 10 MS. PACIFICO-COGAN: Okay. Thank you.
- MR. BROWN: No, there wasn't.
- 12 MS. FRANKLIN: Yes, I would like to comment on
- 13 that. My name is Marie Franklin. I would like to
- 14 comment, madam from the senator's office.
- 15 Yes, one of the reasons that I disagree as a
- 16 community member is because the area that they are
- 17 incorporating right now is -- was the earlier RAB -- not
- 18 RAB -- an earlier PAC that was set together back in the
- 19 '70s and early '60s about the Redevelopment Agency, who
- 20 did not complete the work. The work was shoddy.
- 21 And that particular group that they sold the
- 22 property to, the -- the violation has been -- because
- 23 according to the contract, there's been breach of
- 24 contract. The Redevelopment has sat on its behind for
- 25 20 years when they knew that this community said that

- 1 that was done and that the violations were made. So
- 2 that is what we have been talking about for years.
- 3 So that is the great injustice, because the
- 4 Redevelopment Agency does not adhere to the contract. A
- 5 legal contract has been violated about this land.
- 6 MS. PENDERGRASS: Thank you, ma'am.
- 7 MR. BROWN: Also, the Base Closure Act has been
- 8 violated. NEPA has been violated. The E.R.A. has been
- 9 vio- -- EIR -- excuse me -- has been violated, because
- 10 the EIR that Planning Commission done, it wasn't any
- 11 hazardous impacts at Bayview-Hunters Point Shipyard, the
- 12 Navy Shipyard. Only impact they talked about was at
- 13 Cesar Chavez and Third Street, and that was about
- 14 transportation.
- They didn't say -- excuse me. They didn't say
- 16 anything about the landfill. They didn't say anything
- 17 about cesium, radium, or anything. So we can talk about
- 18 it.
- 19 MS. PENDERGRASS: Now -- now, Mr. Brown, this
- 20 is your time for announcements, and you -- you've made
- 21 this announcement at this point. However, this is
- 22 really not enough time to discuss this --
- MR. BROWN: Right.
- 24 MS. PENDERGRASS: -- this particular topic in
- 25 depth, and you're -- and you're looking --

- 1 MR. BROWN: Right.
- 2 MS. PENDERGRASS: -- to have some kind of
- 3 action on this topic --
- 4 MR. BROWN: Right.
- 5 MS. PENDERGRASS: -- by next RAB meeting.
- 6 So I -- I need to make a suggestion that this
- 7 be delegated as a -- to a subcommittee for a discussion.
- 8 Which committee would that be?
- 9 Which subcommittee wants to house this
- 10 conversation?
- MS. LOIZOS: I suggest that we --
- MR. BROWN: Okay.
- 13 MS. LOIZOS: -- form a separate subcommittee
- 14 for this.
- MR. BROWN: Right.
- MS. LOIZOS: I don't think it necessarily falls
- 17 under anybody's --
- 18 MR. ATTENDEE: Right.
- 19 MR. ATTENDEE: Right.
- 20 MS. PENDERGRASS: You want a s- -- you want a
- 21 special call meeting?
- MR. FORMAN: Ad hoc.
- MS. FRANKLIN: Right, conditional.
- MR. BROWN: Yeah.
- MS. PIERCE: So moved.

- 1 MS. PENDERGRASS: Okay. So we have a motion on
- 2 the floor to add a special call meeting --
- 3 MR. RAB MEMBER: I second that.
- 4 MS. PENDERGRASS: -- between now and the next
- 5 RAB meeting to discuss the topic of the protest and
- 6 objections of the Hunters Point Shipyard --
- 7 MS. PIERCE: DDA.
- 8 MS. PENDERGRASS: -- DDA. Okay.
- 9 All in favor? Did we get a second? I'm sorry.
- 10 MR. RAB MEMBER: I second it.
- 11 MS. PENDERGRASS: All in favor?
- 12 THE BOARD: Aye.
- MS. PENDERGRASS: Anybody opposed? Anybody
- 14 abstaining from that?
- 15 (No verbal response elicited.)
- MS. PENDERGRASS: Okay. Very fine.
- 17 So, Mr. Brown, you will advise Mr. Keichline so
- 18 he can get out the date --
- MR. BROWN: Right.
- 20 MS. PENDERGRASS: -- and place of that meeting
- 21 as soon --
- MR. BROWN: Right.
- MS. PENDERGRASS: -- as possible?
- Okay. Very fine. And if at all -- if
- 25 necessary, you would need to contact Mr. Keichline to

- 1 put that on the agenda --
- MR. BROWN: Right. Okay.
- 3 MS. PENDERGRASS: -- to make sure that there's
- 4 space on the agenda next month to talk about that. If
- 5 you're actually going to vote on something --
- 6 MR. BROWN: Okay.
- 7 MS. PENDERGRASS: -- there needs to be a motion
- 8 and discussion.
- 9 Very good. Thank you.
- 10 MR. BROWN: Thank you.
- MS. PENDERGRASS: All rightie, then. That's
- 12 the end of your -- Mr. Tisdell.
- MR. TISDELL: Yes.
- 14 MS. PENDERGRASS: Do you have something germane
- 15 to the motion that was just passed?
- MR. DeMARS: No. I like to make announcement.
- MS. PENDERGRASS: Okay. We're not at that
- 18 point yet. So if you can just give me a moment. Thank
- 19 you.
- 20 MR. TISDELL: Okay.
- MS. PENDERGRASS: At this point, we are going
- 22 to -- Mr. Brown, have you finished with your
- 23 announce- --
- MR. BROWN: Yes.
- MS. PENDERGRASS: -- -ments?

- 1 Thank you.
- 2 At this point, we are going to do subcommittee
- 3 reports.
- 4 And Mr. Tisdell, would you like to start those
- 5 subcommittee reports?
- 6 MS. RINES: Okay.
- 7 MS. PENDERGRASS: Ms. Rines, you are going to
- 8 do that?
- 9 MS. RINES: We had a Membership Bylaws
- 10 Community outrich -- Outreach meeting last night, so we
- 11 don't have the notes printed up; but we will get them
- 12 done, and we'll have them e-mailed.
- 13 Basically, Don Capobres was there. He went
- 14 over the action items that needed to be touched on
- 15 concerning helicopter landings and the lease agreement.
- The lease agreement has not been completed. So
- 17 he didn't have anything to bring to us with the term
- 18 sheet. That should be next month's RAB, hopefully.
- 19 Actually, he will probably come to our subcommittee
- 20 meeting first before it gets to the RAB. So next month
- 21 you might want to come by our subcommittee meeting for
- 22 that.
- MS. PENDERGRASS: Do you have a date for that
- 24 meeting?
- MS. RINES: Yes. That will be January 13,

- 1 which is the second Tuesday.
- 2 Also, we -- Keith Forman and Sherlina from LEJ
- 3 were going to work with the unified school district
- 4 notification system to get the school pulled into it.
- 5 They are working on that.
- And also, the most important thing is: We have
- 7 two new RAB applicants that were approved in the
- 8 subcommittee. They are Sam Ripley and Lisa Lolu . . .
- 9 MR. ATTENDEE: -- -lu.
- 10 MS. ATTENDEE: Laulu.
- 11 MS. RINES: I tried really hard to get it, and
- 12 I got it wrong.
- Okay. We unanimously voted to bring them
- 14 forward to be approved for RAB applicants to go on the
- 15 Board. So we need to -- we have a motion to approve
- 16 both of them. We have to do them each one at a time
- 17 because that's how we do it, each one.
- 18 So we have to -- we have a motion to approve
- 19 Sam Ripley to be on the Board.
- 20 MS. PENDERGRASS: Okay. So --
- MS. RINES: So we need to vote that now.
- MS. PENDERGRASS: So say the motion.
- MR. TISDELL: I make a motion, then.
- MS. RINES: Say it.
- 25 MR. TISDELL: I make a motion to accept --

- 1 accept Sam Ripley as a RAB member.
- MS. PIERCE: Stand up, Sam.
- 3 MS. PENDERGRASS: All right, made a motion to
- 4 accept Sam Ripley as a RAB member.
- 5 MS. RINES: I second the motion.
- 6 MS. PENDERGRASS: We have a second on that. We
- 7 need a second on that from someone else.
- 8 MR. DACUS: Second it.
- 9 MS. PENDERGRASS: All right. I'm calling the
- 10 question. All in favor?
- 11 THE BOARD: Aye.
- MS. PENDERGRASS: Anybody opposed? Any
- 13 abstentions from that?
- 14 (No verbal response elicited.)
- MS. PENDERGRASS: Okay. We have a new RAB
- 16 member.
- 17 Please come to the table.
- 18 (Applause.)
- MR. BROWN: Sam.
- MS. PENDERGRASS: And, Mr. Ripley, would you
- 21 like to say something? You have, like, a minute and a
- 22 half, thirty seconds.
- 23 MR. RIPLEY: I just wanted to say thank you for
- 24 having me to be part of this important meeting and also
- 25 to listen to all communities. So I am here to --

- 1 willing to serve and willing to work.
- 2 MS. PENDERGRASS: All right.
- 3 (Applause.)
- 4 MR. BROWN: All right, Sam.
- 5 MS. PENDERGRASS: Second, Miss Rines?
- 6 MS. RINES: And we have another motion to have
- 7 Lisa --
- 8 MS. ATTENDEE: Laulu.
- 9 MR. ATTENDEE: Laulu.
- 10 MS. RINES: Okay -- approved as a RAB member.
- 11 MS. PENDERGRASS: All right.
- MS. PIERCE: So moved.
- 13 MR. TISDELL: Second.
- 14 MS. PENDERGRASS: Second. All -- all in favor
- 15 of accepting Miss --
- 16 THE BOARD: Aye.
- MS. PENDERGRASS: I'm sorry. I messed up that
- 18 name. Can you stay it one more time?
- 19 MS. LAULU: Laulu.
- MS. PENDERGRASS: Laulu.
- Okay. All in favor, say, "Aye."
- 22 THE BOARD: Aye.
- MS. PENDERGRASS: Any opposed? Any abstentions
- 24 on that vote?
- 25 (No verbal response elicited.)

- 1 MS. PENDERGRASS: Okay. We have a new RAB
- 2 member.
- 3 (Applause.)
- 4 MR. BROWN: Lisa.
- 5 MS. PENDERGRASS: Take a seat at the table.
- 6 Okay. All right. And you have thirty seconds if you'd
- 7 like to say something.
- 8 MS. LAULU: I just want to echo what Mr. Sam
- 9 Ripley said.
- 10 MS. PENDERGRASS: All right.
- MS. LAULU: And thank you very much.
- 12 (Applause.)
- MS. PENDERGRASS: Just want to make a point.
- 14 I -- I'm sure they are redundant, but just to put it on
- 15 record that they have been given the bylaws and
- 16 understand their -- their role and all of that, right?
- 17 MS. RINES: Yes.
- 18 MS. PENDERGRASS: Okay. Very good. Miss
- 19 Rines, you want to continue your report?
- MS. RINES: That's it.
- MS. PENDERGRASS: All right. Very fine.
- The next committee would be Economic
- 23 Development.
- MR. CAMPBELL: That's it for the Economic
- 25 Development. We had our meeting on 11/17/03. We were

- 1 expecting Navy personnel; but for some reason, it seems
- 2 like there was a communication breakdown.
- 3 And we wanted to know the status of the local
- 4 contracts, the status of the BRAC local contract, which
- 5 is to be included in future RFP contracts, and the
- 6 current status of local contract participation in dollar
- 7 amounts.
- 8 It went a little further than that in the sense
- 9 that last year, December, we were looking in the total
- 10 number of dollars that were expended within the local
- 11 community. And we wanted a specific answer.
- 12 Page 2 shows some of the responses. We're
- 13 adding \$43,000 more to CTO 005 [sic], which is ERRG. We
- 14 just awarded 2.3 to TPA-CKY to implement Total Petroleum
- 15 Hydrocarbon Corrective Action. We're going to add more
- 16 funds to CTO 002, Basewide Tech Support Services. And
- 17 we're coordinating with CDM Federal Program for a
- 18 basewide groundwater sampling service.
- 19 And they also talked about the goats in Parcel
- 20 A, basically, and it was Goats R A -- Goats R Us was the
- 21 Native American-Indian woman-owned small business from
- 22 the Bay Area.
- 23 And so we're still expecting answers, and we
- 24 hope at the next Economic meeting, specifically we are
- 25 requesting the economic participants from your end to be

- 1 there and that we have clear communications on that.
- 2 Thank you.
- 3 MS. PENDERGRASS: Did we have a date for the
- 4 next meeting?
- 5 MR. CAMPBELL: I can give it to you in a couple
- 6 seconds.
- 7 MS. PENDERGRASS: Okay. Well, we want to make
- 8 sure we put it up there.
- 9 And do we have the one for the Membership &
- 10 Bylaws Committee? Do we have the time on that?
- 11 MS. RINES: 6:00 to 8:00.
- MS. PENDERGRASS: 6:00 to 8:00. All right.
- 13 Very fine.
- MS. RINES: Library.
- MS. PENDERGRASS: If we could move along to the
- 16 Technical Review.
- 17 MR. FORMAN: Maurice?
- MS. PENDERGRASS: Excuse me. Do we have a
- 19 sidebar conversation going on here?
- MR. BROOKS: Yeah, we do.
- 21 Maurice, I just have a point of clarification.
- MS. PENDERGRASS: Thank you.
- MR. BROOKS: I thank you for the proper way to
- 24 do it. Mark Gelsinger will be the new lead contract
- 25 specialist for Hunters Point. His telephone number is

- 1 area code 619-532-0922. And if you just contact  $\lim$
- 2 directly, then we can clear up these communication
- 3 breakdowns.
- 4 MR. CAMPBELL: Okay, but I'd like the request
- 5 formally from the BRAC administration to request him to
- 6 come out to the next Economic meeting. I will give you
- 7 a date for that very, very shortly.
- 8 MR. BROOKS: Okay. Fine.
- 9 MS. PENDERGRASS: All right. It needs to be
- 10 cleared through --
- MR. BROWN: May I say something?
- MS. PENDERGRASS: -- through you.
- MR. BROWN: May I say something?
- MR. BROOKS: It always is.
- MR. BROWN: I thought Mark and the other lady
- 16 was going to -- one -- either one of them was going to
- 17 come up here and sit down on the RAB, because that's
- 18 what they said at the fair. Okay. Just could you clear
- 19 that up?
- 20 MR. FORMAN: Yeah. Yeah. And I'm not -- yeah.
- 21 We can talk about that later. I'm not sure why a
- 22 contract specialist would always be here. I mean, he
- 23 can be here by special invitation for something
- 24 important.
- MR. CAMPBELL: We can make it January 13th at

- 1 2:30 at the Anna Waden library.
- MS. PENDERGRASS: January 13th, 2:30. Is that
- 3 the end of your report?
- 4 MR. CAMPBELL: Yes, it was.
- 5 MS. PENDERGRASS: Thank you --
- 6 MR. CAMPBELL: Thank you.
- 7 MS. PENDERGRASS: -- so much.
- 8 Let's see. Who are we missing? Risk Review?
- 9 MS. LOIZOS: Well, okay. It's Technical
- 10 Review.
- 11 MS. PENDERGRASS: I'm sorry.
- MS. LOIZOS: That's okay.
- MS. PENDERGRASS: Don't you guys combine?
- MS. LOIZOS: Sometimes we have, yeah. I'm
- 15 sorry.
- 16 The last meeting was very brief, and we -- I
- 17 didn't bother to type up minutes. We just kind of had
- 18 an informal discussion reviewing the NCP and the use of
- 19 remove -- use of removal actions when they are
- 20 appropriate and how it's written in the NCP.
- I don't have a date for our next meeting
- 22 because I have to talk to Keith and Pat, but I'll let
- 23 you know that before the end of the meeting.
- 24 But what I do have is a petition that I'm
- 25 presenting -- that we are presenting to the Department

- 1 of the Navy.
- 2 Basically, when it was discovered that there
- 3 were former NRDL buildings at the current Mariner's
- 4 Village site, a lot of concern was raised. People --
- 5 We learned that, in fact, not only those buildings, but
- 6 all of the other formal -- former NRDL buildings that
- 7 are now on FUDS property that are not FUDS property,
- 8 like Building 815, 820, never received any sort of
- 9 con- -- clearance for chemical contaminants.
- 10 And so a petition was taken around many of the
- 11 neighborhoods in the Bayview area, especially Mariner's
- 12 Village; and we have I don't know how many signatures
- 13 here, but tons and tons, requesting that a preliminary
- 14 assessment site inspection site investigation be done on
- 15 those sites. So I'm going to pass that on to the Navy.
- MR. TISDELL: Can I see that?
- MS. LOIZOS: Can you see it? You've seen it,
- 18 haven't you? You can pass it around if you want to if
- 19 people want to read it.
- 20 MS. PENDERGRASS: Now, I'm not -- I'm just
- 21 going to ask about the -- the process here, procedural
- 22 process.
- 23 As a subcommittee, you all have -- have a
- 24 document that you would like to pass on to the Navy.
- 25 And the process you've circumvented the full RAB.

- 1 So the process would be: subcommittee, full
- 2 RAB, then to the Navy. Otherwise, you're circumventing
- 3 the -- the full RAB.
- 4 MS. LOIZOS: Okay. Yeah, I can make a motion.
- 5 It's -- Actually, it's not even just from the RAB.
- 6 It's just -- like I said, this is a petition from the
- 7 Sa- -- Bayview-Hunters Point residents and employee --
- 8 people who work in the area. So it's from the full
- 9 community, not just the RAB.
- 10 MS. PENDERGRASS: Okay.
- MS. LOIZOS: But we can make a motion that the
- 12 RAB accept the petition as well.
- MS. PENDERGRASS: You have to -- If you have
- 14 the RAB name on it, it has --
- MS. LOIZOS: It -- Yeah, it doesn't have the
- 16 RAB name on it, actually. It's just --
- MS. PENDERGRASS: So, then, that's -- that's --
- 18 then that's not a RAB kind of business type of thing.
- 19 I'm sorry. I --
- 20 MS. LOIZOS: Okay. I can make it a RAB thing.
- 21 I'm sorry. I guess I forgot about the process. I
- 22 don't -- So what should I do?
- MS. PENDERGRASS: Okay. The process is, is
- 24 that you will have a document. You're working with a
- 25 group of people in the community. It's something --

- 1 You brought something as a subcommittee. Then you need
- 2 to explain what you brought, explain it to the -- to the
- 3 RAB.
- 4 Any document needs to be disseminated to the
- 5 full RAB and then a motion that they want to send -- you
- 6 know, an agreement that they want to send that on to the
- 7 Navy. The full RAB has to agree to that. Okay?
- 8 Does anybody have any questions about that
- 9 process or what have you?
- 10 Yes.
- 11 MS. BUSHNELL: And the full RAB needs it at
- 12 least a week before the RAB meeting.
- MS. PENDERGRASS: Exactly.
- MS. LOIZOS: Right. You know -- and I'm sorry.
- 15 I don't know that the --
- MS. PENDERGRASS: Yes, go ahead.
- 17 MS. LOIZOS: Yeah. I'm sorry. I apologize if
- 18 I brought it up in the wrong forum.
- MS. PENDERGRASS: Okay.
- 20 MS. LOIZOS: I just -- but I don't think this
- 21 needs to be from the RAB. It's from the whole
- 22 community. And I -- so I'm to take it outside of the
- 23 RAB, and I apologize if I included that.
- MS. PENDERGRASS: So it's just an announcement,
- 25 then --

- 1 MS. LOIZOS: Yes.
- 2 MS. PENDERGRASS: -- that this is happening.
- 3 Okay. That makes -- That's different --
- 4 MR. FORMAN: So then should I -- should I just
- 5 take this back to my manager --
- 6 MS. LOIZOS: Your boss, I guess, yes.
- 7 MR. FORMAN: -- as a separate item outside the
- 8 RAB and just --?
- 9 MS. LOIZOS: Yeah. I mean, it -- it pertains
- 10 to the cleanup of Hunters Point Shipyard and --
- 11 MR. FORMAN: Okay.
- MS. LOIZOS: -- but it's not necessarily from
- 13 the RAB, I guess.
- 14 MS. PENDERGRASS: But -- but it would make
- 15 sense, though, since you're sitting on the RAB and
- 16 you're representing that constituency to the RAB that
- 17 these kinds of documents and -- and kind of, you know,
- 18 motions would actually be brought to the RAB. The RAB
- 19 is in full agreement that this is something they want
- 20 the Navy to act on. I mean, that would have more of a
- 21 collected voice to it. I mean, that's really the
- 22 process and --
- MS. LOIZOS: I -- I guess I don't understand
- 24 why the RAB has to approve a petition from the whole
- 25 community.

- 1 MS. PENDERGRASS: It doesn't. It doesn't.
- 2 MR. KEICHLINE: It shouldn't come through the
- 3 RAB.
- 4 MS. PENDERGRASS: It shouldn't.
- 5 MS. LOIZOS: That, I understand, and I
- 6 apologize, I guess. But that was sort of -- I was
- 7 using -- I do think the RAB would like to know that this
- 8 whole -- whole community -- that, you know, hundreds of
- 9 people in this community have signed a petition; and I
- 10 was just sort of, you know, letting people know.
- 11 MS. PENDERGRASS: Okay. Okay.
- MR. FORMAN: Lea, what I would recommend too --
- 13 MS. LOIZOS: Yeah.
- 14 MR. FORMAN: -- I mean, we could -- we can take
- 15 this up, but the proper perspective for this is: It's a
- 16 question that's going to be called into effect when --
- 17 in January the draft final HRA is coming out, right?
- 18 You should be commenting on that and so should the
- 19 community.
- 20 When you comment on the document, all of the
- 21 sites are going to be listed, and what RASO says about
- 22 what they found and whether it's impacted or not we'll
- 23 have to read through that document together, and then
- 24 you should comment on these buildings in the document.
- 25 MS. LOIZOS: So does the HRA address property

- 1 that's no longer on the Shipyard that is now a FUDS
- 2 property? That's -- We're talking about FUDS property.
- 3 MR. FORMAN: Yes. It directs -- It makes
- 4 classifications like this should be a FUDS site --
- 5 MS. LOIZOS: Right. Okay.
- 6 MR. FORMAN: -- just like in the draft.
- 7 MS. PENDERGRASS: Okay.
- 8 MR. FORMAN: Only this time, yeah. So what I
- 9 would recommend is: Submit your comments to us and to
- 10 Laurie Lowman when the draft Historical Radiological
- 11 Assessment comes out at the end of January.
- 12 MS. LOIZOS: Right, okay.
- 13 MR. FORMAN: And she'll be here for that too.
- 14 So you'll also get a chance to directly interact with
- 15 her on D19 and 20.
- MS. LOIZOS: Right.
- MS. PENDERGRASS: But there needs to be some
- 18 clarification, though. Are you representing --? Are
- 19 you reading and making comments on behalf of the RAB
- 20 and/or comments on behalf of another --
- 21 MS. LOIZOS: Right.
- MS. PENDERGRASS: -- community constituency,
- 23 which they -- they're -- they're exclusive, so they can
- 24 be separate, but you would be expected to as a
- 25 subcommittee talk about your recommendations and -- and

- 1 forward those recommendations to the full RAB before
- 2 they are moved on.
- 3 MS. LOIZOS: Yeah. That, I understand.
- 4 MS. PENDERGRASS: Okay.
- 5 MS. LOIZOS: I -- I would just like to make a
- 6 clarification that the HRA is going to deal primarily
- 7 with radiological issues. And the point is that the
- 8 FUDS sites were never tested for chemical contamination.
- 9 And that's what we're more concerned about, because
- 10 often the two are found in conjunction.
- 11 MS. PENDERGRASS: Okay.
- MS. LOIZOS: So that we are just asking that a
- 13 preliminary assessment be done to look and see if
- 14 there's any potential other contamination aside from
- 15 radiological.
- MS. PENDERGRASS: All right. Thank you very
- 17 much for that. I'm sorry. I didn't mean to add
- 18 confusion on that.
- MS. LOIZOS: No, no. That's okay.
- 20 MS. PENDERGRASS: We do have another -- we do
- 21 have another report. Dr. Sumchai?
- MS. SUMCHAI: The Radiological Subcommittee
- 23 didn't meet this month. We will meet in January. I'm
- 24 proposing the fourth Wednesday in January before the RAB
- 25 meeting from 6 to 8 p.m. at the Green House.

- 1 And contingent upon whether or not the HRA is
- 2 released, we may have an opportunity to do a partial
- 3 review on the -- on the draft final.
- 4 I also wanted to just take a minute of your
- 5 time to introduce Sherlina Nageer, who is with Literacy
- 6 for Environmental Justice Superfund Schools Project.
- 7 She is here, as was her predecessor, Shoshannah
- 8 Bramlett, who I introduced a couple months ago, to
- 9 upgrade the Community Notification Plan.
- 10 She has been meeting some very impressive
- 11 people in the community to make sure that the public
- 12 schools and schools in the private sector are
- 13 incorporated in Community Notification Plan.
- I also wanted to say very quickly, when we were
- 15 talking about the air monitoring site designation, one
- 16 of the points that I failed to make was that because of
- 17 Senator Escutia's chosen Environmental Health &
- 18 Protection Act, the site has to be at a school or
- 19 recreation center. It's to target toxins that
- 20 disproportionately impacts kids. So maybe Sherlina
- 21 could say hi to us.
- MS. PENDERGRASS: Do you know what time your
- 23 meeting's going to be?
- 24 MS. SUMCHAI: 6:00 to 8:00.
- MS. PENDERGRASS: 6:00 to 8:00. All right.

- 1 Very good.
- Okay. At this point, we are going to take a
- 3 break and come back and have a presentation. So ten
- 4 minutes. If we can get back here at 7:05 would be
- 5 great.
- 6 (Recess 6:53 p.m. to 7:03 p.m. when
- 7 Mr. Tompkins joins the meeting.)
- 8 MS. PENDERGRASS: We need to call the meeting
- 9 back to order, please. If everybody can take your
- 10 seats. We are now waiting for -- or waiting for the
- 11 presentation by the -- presentation by the Navy:
- 12 Mr. Brooks, Mr. Christensen, and Mr. Forman.
- MR. BROOKS: Need a slide projector person.
- 14 MS. PENDERGRASS: Is Mr. Tisdell still here?
- MS. RINES: Yes.
- 16 MS. SANTANA: He's outside.
- MS. PENDERGRASS: Are we ready?
- MR. CHRISTENSEN: We are just about ready here.
- 19 Good evening, everyone. We've got a
- 20 presentation on basewide groundwater monitoring at
- 21 Hunters Point for the new coming year and got a
- 22 PowerPoint presentation to go through here, kind of give
- 23 you a brief overview.
- MR. FORMAN: Yes. Let's see here.
- Okay. While we work on that, the presentation

- 1 is about the Hunters Point basewide groundwater
- 2 monitoring program. It's very important to the Navy,
- 3 and we have been working with the BRAC cleanup team
- 4 regulators.
- 5 We are still a ways away from completing
- 6 finalizing it; and as you'll see in the presentation, we
- 7 haven't -- we have got a -- a couple things to do with
- 8 the regulators and -- before we have a plan that comes
- 9 out for you and the regulators to review.
- 10 But this is a -- a very important project for
- 11 the Navy. It's something we are rather proud of. We --
- 12 we don't talk about it much, but we -- we do tend to
- 13 focus on things like the landfill and other sites
- 14 that -- and speak mostly in terms of the soil
- 15 contamination at the base.
- But in addition to that, there's groundwater,
- 17 and there are groundwater sites at the base that we work
- 18 on. And to my knowledge, this will be the first time
- 19 that Hunters Point Shipyard actually has a -- an
- 20 integrated coordinated comprehensive basewide
- 21 groundwater monitoring program. And it's been quite a
- 22 while in the making.
- We are pretty proud of it, because for the
- 24 first time, we're going to be doing groundwater
- 25 monitoring on a -- a regular stated basis, not just in

- 1 Parcel B where we have a Record of Decision, but across
- 2 the base and the other parcels.
- 3 And Glenn Christensen, one of our newer project
- 4 managers, has spent much of his time since he's been on
- 5 the team working on this project. And that's something
- 6 that we wanted to talk to you about today and introduce
- 7 you to for future discussion.
- 8 Okay. And included in this presentation,
- 9 you'll see at least for us some pretty nifty graphics
- 10 tonight. So I'd like your input later on on that to see
- 11 if we have gotten too fancy or we ought to step it up
- 12 some more.
- MS. PENDERGRASS: You are going to have to move
- 14 out of the way.
- MS. PIERCE: While you're moving, can I just
- 16 say for eyes that are over 50, thank you for blowing up
- 17 the type.
- 18 MR. FORMAN: Oh, okay. Well, I'll have to give
- 19 that -- that credit to the I.T.S.I. crew and the Tetra
- 20 Tech crew that does all the marvelous preparation.
- 21 So you want us to continue to do that?
- MS. PIERCE: Yes.
- MR. FORMAN: Good.
- MS. PENDERGRASS: Thank you.
- 25 MR. FORMAN: Okay. Okay. Let's start with

- 1 just an overview of what we're going to talk about. We
- 2 are going to talk about the groundwater monitoring
- 3 program.
- 4 And what that looks at is something called the
- 5 hydro, for water, hydrogeology at Hunters Point
- 6 Shipyard. And what that does is: It gives us a picture
- 7 of what goes on beneath the ground surface, not at the
- 8 layer of the earth's crust once you start digging into
- 9 just the soil, but it gives you the picture of the
- 10 groundwater and what's going on with the groundwater
- 11 beneath the surface of Hunters Point Shipyard.
- 12 Very important, because some contaminants have
- 13 reached the groundwater at Hunters Point Shipyard, and
- 14 we need to know more about them.
- So we'll go into the purpose of monitoring
- 16 groundwater, why we do it, and some of the things we do
- 17 about it.
- 18 And then we'll talk to you about some of the
- 19 details of what we think the 2004 program is going to
- 20 look like in terms of the number of monitoring wells we
- 21 are going to monitor and what we are -- where we're
- 22 going to monitor and what we are going to sample and
- 23 test for, which is very important, and a couple of other
- 24 things we are going to do with the program other than
- 25 testing that will give us more information, more than we

- 1 have ever had before and on a more regular basis.
- Okay. Okay.
- 3 MR. BROOKS: Okay. You know, we're going to do
- 4 this kind of in tandem here with each of us taking a few
- 5 slides.
- 6 But I've a voice enough for this.
- 7 We have three water-bearing units on the
- 8 Shipyard, and we have given these water-bearing units
- 9 names. The shallowest water-bearing unit, we call it
- 10 the A-aquifer, and the A-aquifer is mostly artificial
- 11 fill. And so because it is mostly artificial fill, then
- 12 the particle sizes, they range from the biggest boulders
- 13 to the smallest clay and very variable. The thickness
- 14 is about 20 to 40 feet in this water-bearing unit.
- Separating the A-aquifer from the B-aquifer is
- 16 what we call an aquitard, and it's called an aquitard
- 17 because it retards the movement of the water between
- 18 these two aquifers. This -- this aquitard unit, which
- 19 we also call the bay mud, has a very low permeability.
- 20 And so it retards movement of water between these two
- 21 aquifers where it's present.
- Now, you can see it's -- it's either, say,
- 23 between zero and a hundred feet thick. So that means
- 24 that in some places, it's not present.
- 25 B-aquifer, same thing. In some places, it's

- 1 not present; but where it is, it's made up of sand,
- 2 silt, and clay; and this is a more permeable
- 3 water-bearing unit.
- 4 Beneath the B-aquifer is what we call the
- 5 basement rock. It's the bedrock that you see out here
- 6 on the hillsides, the serpentinite, the shale, and some
- 7 sandstone, some green stone, stuff like that. And
- 8 again, it usually has a pretty low permeability and
- 9 doesn't yield that much water.
- 10 Next slide. Yeah, the fancy drawing.
- Okay. Here's the -- Here's a little graphic
- 12 of Parcel E. This is -- again, it's kind of a cartoon
- 13 of what the water-bearing units look like.
- 14 So we got to turn on the information here.
- 15 This is Parcel E again. Here's -- here's the south
- 16 basin. It's going to rock up here for you and . . .
- 17 MR. BROWN: All right.
- 18 (Applause.)
- 19 MR. BROOKS: All right. Let's come back
- 20 around, and I'll show you -- okay. Freeze it there.
- 21 This purple unit is the A-aquifer, and then we
- 22 have the aquitard that separates the "A" from the
- 23 B-aquifer here in the yellow, and then it's kind of
- 24 greenish gray. That's our basement rock, or
- 25 serpentinite bedrock. Okay.

- 1 MS. SANTANA: Excuse me. What -- what's the
- 2 direction are we looking at here?
- 3 MR. FORMAN: This is Parcel E.
- 4 MR. BROOKS: This is all Parcel E and here's
- 5 South Basin.
- 6 MS. SANTANA: Oh.
- 7 MR. BROOKS: Now we're separating those units.
- 8 When we did the -- We have some estimates of the
- 9 permeability. But just in relative terms again,
- 10 A-aquifer, relatively low permeability, doesn't yield
- 11 that much water. The bay mud, almost a hundred times
- 12 lower in permeability and then restricts the movement of
- 13 water between the A-aquifer and the B-aquifer.
- 14 If you can see this 20 feet per day here in
- 15 this B-aquifer, in a lot of places, the B-aquifer is
- 16 very permeable. It's not the case everywhere; but in
- 17 many places, it is. Over on Parcel E, it's a -- it's a
- 18 good permeable aquifer.
- 19 And then beneath it, again, another low
- 20 permeable unit. This is our bedrock water-bearing zone.
- 21 It has low permeability. And we are monitoring
- 22 groundwater conditions in each of these -- these
- 23 water-bearing units.
- Okay. You can stand here.
- 25 MR. CHRISTENSEN: I want to talk a little bit

- 1 about the -- the purpose of the groundwater monitoring.
- 2 What we are really trying to do here is to evaluate the
- 3 impact of all the prior industrial operations which
- 4 happened out on the Shipyard over time.
- 5 MR. BROOKS: Can everybody hear? Everybody
- 6 hear?
- 7 MS. PENDERGRASS: Yes.
- 8 MR. BROOKS: Excellent.
- 9 MR. CHRISTENSEN: We have 500 monitoring wells
- 10 out on the base, and those were installed approximately
- 11 about over a 14-year time period.
- 12 What we are looking for, we're monitoring
- 13 contaminants through sample collection out at about 230
- 14 of those 500 wells, and we are going to have those
- 15 consistently sampled on a quarterly basis.
- 16 And when we collect that -- After we collect
- 17 the sample, we run a lab analysis for the specific
- 18 contaminants, and those are specific and pertain to the
- 19 industrial operations that occurred in those parti- --
- 20 particular areas.
- 21 We also monitor water levels, and we gauge
- 22 groundwater levels in each of the wells; and that gives
- 23 us a good idea about flow direction. That's important
- 24 because then we can track where the groundwater plumes
- 25 that we already know of in which direction they are

- 1 traveling to and give us much more background -- better
- 2 background information on those.
- 3 So a little more on the purpose, we're -- we're
- 4 establishing consistent data for the feasibility studies
- 5 that will be implemented in each of these areas, and
- 6 we're determining areas of concern and namely to protect
- 7 human health and the bay.
- 8 So some -- some of these areas the groundwater,
- 9 very -- very close to the bay where we have
- 10 contamination, we are concerned about that.
- 11 We're tracking known areas of groundwater
- 12 contamination, and we are really focusing our efforts
- 13 on -- on areas where we found contamination in the past.
- 14 We are further evaluating detections of other
- 15 organic chemicals and other metals, and this gives us
- 16 a -- this is, like Keith says, the first real effort to
- 17 get it geographically cover the whole Shipyard. So this
- 18 is the first program that covers Parcels B, C, D, and E.
- 19 So we're going to start the program next year,
- 20 2004. We're going to be doing quarterly monitoring
- 21 every -- every three months on those about 230 wells,
- 22 and about 320 wells we're going to be looking at
- 23 groundwater levels. This is the first coordinated
- 24 effort to do quarterly sampling in these areas.
- 25 Parcel B where -- we are not making any changes

- 1 because we are in the fifth year of the current RAMP.
- 2 So that monitoring has been consistently done in the
- 3 past four years, and that will -- there won't be any
- 4 changes to that parcel at this time. And the whole RAMP
- 5 Parcel B will be reevaluated after the next year.
- 6 There's some other previous sampling
- 7 investigations that occurred out at Hunters Point. We
- 8 have a preliminary assessment and site investigation.
- 9 It's about 1989 to 1991. Remedial investigations from
- 10 1991 to 1995. Specific studies in support of
- 11 remediation strategies. And the latest was this data
- 12 gaps investigation, and that was done in -- in -- in
- 13 three separate phases over 2000, 2001, and 2002.
- 14 This gives you a kind of a shot of the whole
- 15 base and the different parcels. And it's a little hard
- 16 to see, but the green dots are all the monitoring wells
- 17 on the base. So this -- under this program, we are
- 18 going to be looking at B, C, D, and E.
- 19 We said it is the first coordinated basewide
- 20 groundwater monitoring program for those four parcels,
- 21 and it's about 230 wells.
- 22 Contract should be awarded early next year, and
- 23 we're going to be looking at using local labor to help
- 24 the sampling crews when they are out at the field.
- MR. DA COSTA: Why not Parcel A?

- 1 MR. CHRISTENSEN: Excuse me?
- MR. DA COSTA: Why not Parcel A?
- 3 MR. CHRISTENSEN: Parcel A has a
- 4 no-further-action ROD. We have completed all our
- 5 investigations on that parcel, and sampling is no longer
- 6 wanted.
- 7 MS. FRANKLIN: Can't hear you.
- 8 MR. BROWN: You need a microphone.
- 9 MR. CHRISTENSEN: We're not --
- 10 Sorry. We're not going to be sampling on
- 11 Parcel A. That is a no-further-action ROD.
- 12 The sampling is going to be done in accordance
- 13 with the California base closure requirement. And we
- 14 have a groundwater monitoring plan. And we have been
- 15 working with the regulators towards getting that out to
- 16 the RAB. That will be coming out in a draft in the next
- 17 few weeks.
- 18 MR. BROOKS: And it's important to say that at
- 19 that time, both the regulators and the RAB will have an
- 20 opportunity to review this thing from front cover to
- 21 back cover, which has not -- no one -- you know,
- 22 regulators or RAB have not had the opportunity to do
- 23 that yet.
- MR. CHRISTENSEN: It's been quite an effort to
- 25 get all of the data looked at and get the plan in shape.

- 1 But it will be coming out shortly.
- 2 And this quarterly sampling is the Navy
- 3 initiative. It's not a mandated program. The
- 4 advantages of quarterly sampling, we are going to be
- 5 looking at the same wells, the same 230 wells that we
- 6 have selected every three months. So it's going to give
- 7 us some good background information on the seasonal
- 8 effects and seasonal variations, namely with water
- 9 levels and concentrations.
- 10 And we're going to monitor contamination over
- 11 time, of course, focusing our efforts on areas where we
- 12 have detected contaminants in the past.
- 13 By tracking these over time, we are going to
- 14 look at the movement of contamination, contamin- --
- 15 contaminants -- excuse me -- in groundwater away from
- 16 the known source areas, whether they are these
- 17 groundwater plumes are expanding or shrinking and
- 18 whether the concentrations increase or decrease over
- 19 time. And this -- all this data is going to be
- 20 evaluated for some cleanup technologies in the future.
- 21 Here is just some numbers that we throw out.
- 22 Parcel B there's 35 wells, and those are the same wells
- 23 that have been monitored in the past. That 35 does
- 24 include three new wells which will be installed early
- 25 next year.

- Parcel C, that parcel has the most groundwater
- 2 contamination; and therefore, it has the most wells,
- 3 89 wells on Parcel C. Parcel D we have 24 wells, and
- 4 Parcel E again there's quite a bit of groundwater known
- 5 contamination. We have 81 wells to sample out at
- 6 Parcel E.
- 7 The total is 229, I said, approximately,
- 8 quarterly; and here's the groundwater level
- 9 measurements, and those are 326 across the whole base.
- 10 And what we are going with when we gather the
- 11 groundwater level data, we are going to be creating
- 12 quarterly maps which show us the groundwater flow
- 13 direction across the base.
- 14 Parcel B has an existing RAMP, I mentioned, and
- 15 will -- the Navy continues to meet those commitments.
- 16 There's those three additional wells to be
- 17 installed out at Parcel B at Site 07, and that was due
- 18 to previous excavation in those a- -- in that area.
- 19 This is a map of Parcel B, and this shows the
- 20 wells that we have out there. A little hard to see. We
- 21 have three new wells going in here. Those are in a star
- 22 symbol there. And those are due to a previous
- 23 excavation done in that location.
- We also have a TCE plume, and it's sort of in a
- 25 heart shape there in the middle of the parcel. We have

- 1 known contamination which we are tracking at this point.
- 2 We have installed some new wells, I think 6 new wells,
- 3 in that area for further delineation.
- 4 MS. ASHER: Is that Building 123?
- 5 MS. ATTENDEE: Yeah.
- 6 MR. BROOKS: Yeah, that's right.
- 7 MR. CHRISTENSEN: Building 123.
- 8 MS. ASHER: Okay. Thank you.
- 9 MR. CHRISTENSEN: Parcel C, this is -- some
- 10 information on the well selection. We have four areas
- 11 where we have a solvent contamination.
- 12 The first areas is near Buildings 231 and 253,
- 13 and we have 20 wells which we're going to be looking at
- 14 in that area. We have 21 wells to sample near
- 15 Buildings 251 and 258, 16 wells near Buildings 272 and
- 16 281, and 18 wells near Building 134. This is also an
- 17 area where we are going to be doing a treatability study
- 18 early next year.
- 19 We are -- We have sumps and dip tanks that
- 20 were used in Buildings 134, and we are going to be
- 21 removing those and implementing a treatability study in
- 22 the not-too-distant future.
- 23 There's also -- Other than those four areas,
- 24 there's -- there's areas where we have isolated
- 25 contamination that's not due to -- or it's not

- 1 associated, it seems, with those plumes; and we have 11
- 2 other wells in that -- in the Parcel C area to sample.
- 3 Those -- All these wells are going to be
- 4 sampling for chlorinated solvents, in some cases other
- 5 organics, metals, and PCBs.
- 6 This gives you a look at Parcel C. We have
- 7 got -- These shaded areas are the ground -- known
- 8 groundwater contamination on this parcel. And we kind
- 9 of have four lo- -- areas: 1, 2, 3 and 4. And this is
- 10 where the treatability study is going to be early next
- 11 year. And what we have -- We are looking at wells on
- 12 the boundaries as well as the known source areas for the
- 13 testing.
- 14 Okay. Parcel D. We have two sites and a few
- 15 other locations. Site 09 is a chromium plume, and we
- 16 have 13 wells to monitor a little bit of TCE in that
- 17 plume as well that we are going to be testing for.
- 18 Site 71 is a chlorinated solvent plume. We
- 19 have seven wells we are going to be monitoring for TCE,
- 20 and other locations we have an additional four wells.
- 21 We are going to be looking for metals.
- These are a couple of the locations here,
- 23 Site 09 and 71, and these [sic] purple outline is the
- 24 outline of the known contamination from the 2002 study.
- 25 And the red dots are A-aquifer wells; and we are going

- 1 to be looking as well in the B zone, which is the blue
- 2 monitoring wells. So the large dots are the ones we are
- 3 going to be sampling. These other smaller dots exist
- 4 out there, although we are not looking at those wells at
- 5 this time.
- 6 Let's just go back to that quickly. We also
- 7 have three new wells in IR 09 that we are going to be
- 8 installing for further delineation.
- 9 This is Parcel E. We also have a quite a bit
- 10 of contamination out at Parcel E. We are already
- 11 monitoring for solvents, metals, organics, and PCBs.
- 12 Parcel E does contain the landfill, and we are going to
- 13 be looking for specific contaminants around the boundary
- 14 of the landfill as well as in the surrounding areas.
- We have 21 wells we're going to be monitoring
- 16 around the perimeter of the landfill and 8 additional
- 17 wells in the surrounding area.
- 18 We also have this Site 03, which is the oil
- 19 reclamation ponds area, and we have nine wells we are
- 20 going to be monitoring in that area. That area is
- 21 slated for a treatability study next year, and there's
- 22 going to be quite a bit more investigation planned for
- 23 that Site 03.
- 24 Also have 41 other wells in Parcel E that we
- 25 consider those other areas not to be associated with

- 1 Site 03 or the landfill.
- 2 And here's a map of Parcel E. Obviously, the
- 3 landfill up here. This is a benzene contamination.
- 4 It's relatively low concentration spread out over a
- 5 large area. And the red dots are A-aquifer wells, and
- 6 the B wells here are blue dots. So there's quite a few
- 7 more A's than B's, but . . .
- 8 These would be the other areas which would be
- 9 in the surrounding landfill area and Site 03 down here
- 10 with the oil ponds.
- 11 This is also another plume on the boundary of
- 12 Parcels E and D, and that's Site 71. It is a organic
- 13 contaminant plume.
- 14 Next steps. We are going to be collecting for
- 15 four quarters in 2004 of approximately 230 wells.
- 16 That -- This monitor program will be evaluated
- 17 annually, and many wells which we are looking at now may
- 18 not be in next year's program. It depends on what
- 19 the -- what the data shows us. Other wells that we
- 20 haven't looked at we may look at next year. So we
- 21 evaluate the whole program annually.
- We have quarterly data submittals with
- 23 groundwater elevation maps, and an annual report then
- 24 comes out, and we have recommendations in that report
- 25 for -- for the following year.

- 1 And we are going to evaluate where groundwater
- 2 will be cleaned up, and data will give us more options
- 3 on what some of the cleanup technologies will be used.
- 4 MS. PENDERGRASS: All right. We have questions
- 5 here, and we'll start with --
- 6 MR. TOMPKINS: Questions.
- 7 MS. PENDERGRASS: -- Mr. Tompkins.
- 8 Mr. Campbell, did you have one? Miss Asher.
- 9 MR. CAMPBELL: Excuse me. I had my hand up for
- 10 a while. Please recognize.
- MS. PENDERGRASS: So why don't we just travel
- 12 around the table this way, then.
- MR. CAMPBELL: Thank you.
- MS. PENDERGRASS: Will that be all right? And
- 15 we'll end up with Mr. Da Costa if that's okay.
- 16 MR. TOMPKINS: I don't care. I -- Couple
- 17 questions.
- 18 In terms of your screening materials on
- 19 contamination, in previous testimony given here for the
- 20 RAB a couple years back from former employees, in
- 21 Parcel C, there were radiation spills and that form of
- 22 practice that the Navy would dump radioactive material
- 23 down the sewage lines.
- 24 Have you screened --? In your screen for
- 25 materials, have you screened also for radioactive

- 1 contamination possibility in groundwater?
- 2 MR. FORMAN: That's more -- Ray, that's more
- 3 of an HRA question than a Glenn Christensen question,
- 4 and as Laurie --
- 5 MR. TOMPKINS: How does this deal with a
- 6 possible water contamination?
- 7 MR. FORMAN: Right. But that's -- you're
- 8 referring to radioisotopes, and that's discussed in
- 9 the -- the new draft final HRA.
- 10 The sewer systems are discussed and the
- 11 impacted areas in the infrastructure, the utility
- 12 system's infrastructure. That -- that will be discussed
- 13 in the draft final HRA.
- 14 MR. TOMPKINS: Question.
- MR. FORMAN: Okay.
- MR. TOMPKINS: Then is it a possibility that it
- 17 may be contaminated in the groundwater --
- 18 MS. SUMCHAI: Yes.
- 19 MR. TOMPKINS: -- or has that been looked at?
- MS. SUMCHAI: Yeah. There are maps.
- 21 MR. TOMPKINS: Okay.
- 22 MR. BROOKS: We have looked at groundwater data
- 23 gaps investigations, Ray, and in the -- in the --
- 24 reported in the Parcel E groundwater data gaps
- 25 investigation report, the last one. We talked about

- 1 kind of a basewide survey of radiological contaminants,
- 2 and the results were that we -- we didn't find any.
- 3 MR. TOMPKINS: Okay. Thank you.
- 4 MS. PENDERGRASS: All right. Mr. Campbell?
- 5 MR. CAMPBELL: As far as groundwater
- 6 monitoring -- and this has for -- has some clarification
- 7 for the RAB -- number one, we keep hearing about a
- 8 transfer of potentially A prime and B prime, okay. We
- 9 want to understand as this body, what is considered A
- 10 prime and D [sic] prime?
- 11 I think a lot of the RAB members don't know;
- 12 and if it incorporates part of Parcel B, we want to know
- 13 what areas. And I think we have Bob Hocker over there
- 14 who can possibly answer part of that.
- 15 MR. BROWN: Bob is not -- he's not on the --
- MR. FORMAN: Okay.
- 17 MS. PENDERGRASS: But -- but we are limiting
- 18 our --
- 19 MR. FORMAN: My only objection to that,
- 20 Maurice --
- MR. BROWN: Right.
- MR. FORMAN: That may be a perfectly good
- 23 question. Just -- I don't even know what you are
- 24 talking about. I don't know what "A prime" is. There's
- 25 a A-aquifer and a B-aquifer.

- 1 MR. CAMPBELL: No. No. We are talking about
- 2 what is the prime as Parcel A? Concurrently, what's
- 3 happening within the city, the City's hoping to transfer
- 4 parcels -- parcel, and they are looking at transferring
- 5 part of "A," and they are considering transferring part
- 6 of "B." That's --
- 7 MR. FORMAN: I never heard of that.
- 8 MR. CAMPBELL: Really?
- 9 MR. FORMAN: No.
- 10 MR. CAMPBELL: That's --
- MS. PENDERGRASS: Mr. Campbell, I --
- MR. CAMPBELL: Excuse me. Excuse me.
- MS. PENDERGRASS: Can -- can we -- can we -- ?
- 14 MR. CAMPBELL: We're -- we're the Restoration
- 15 Advisory Board, and we are supposed to understand. You
- 16 know, there's a five-year ROD review that we just went
- 17 through very, very clearly; and if one part of the
- 18 community understands one thing and the others. And
- 19 this aquifer groundwater monitor thing is important to
- 20 that, because we don't need to know where those monitors
- 21 are if land is about to be transferred.
- 22 MS. PENDERGRASS: And I -- I understand your
- 23 point, and I'm asking you, Mr. Campbell, if you can keep
- 24 your question germane to the -- to this particular
- 25 presentation and not outside that scope. Your first

- 1 question was outside that scope. So if you can just
- 2 keep your question germane to this presentation, please.
- 3 MR. CAMPBELL: Okay. Well, I guess my question
- 4 will be posed in this manner. We are expecting that if
- 5 there's any transfer of any property fro- -- with a
- 6 FOST, it will only be Parcel A -- there will be no parts
- 7 of Parcel B. I'd like that in the record if I could --
- 8 and that your groundwatering will only cover Parcel A.
- 9 It will not incorporate any other areas of, say, "B."
- 10 "B" is going to -- going to be studied, correct?
- 11 And then you're going to come back with a
- 12 report. And that report will feed into the -- to the
- 13 regulators of what you're finding on B; is that correct?
- 14 MR. FORMAN: Maurice, it's hard to follow you
- 15 the way you're phrasing questions here.
- 16 This is the basewide groundwater program. It
- 17 covers Parcels B through E.
- 18 MR. CAMPBELL: Right.
- MR. FORMAN: Okay.
- MR. CAMPBELL: That's correct.
- MR. FORMAN: Yes.
- MR. CAMPBELL: Thank you.
- 23 MS. ASHER: Okay. This might be outside the
- 24 scope of the presentation as well.
- 25 But in determining the quality of the

- 1 groundwater, aren't you also determining what type of
- 2 development is going to be happening on those -- on
- 3 those areas? Is that not correct?
- 4 And in terms of categories of groundwater,
- 5 could you please explain to people here, who might not
- 6 be familiar with that, the different categories of
- 7 groundwater and what they are appropriate to, like
- 8 residential or light industrial and what that means,
- 9 because after you do this investigation, you will make a
- 10 recommendation as to what is appropriate for these
- 11 parcels. Is that not correct?
- MR. FORMAN: No. It's -- it's not a site
- 13 investiga- -- it's not a site assessment, which is a
- 14 RCRA term, or a site investigation, which is a CERCLA
- 15 term. It's -- it's a monitoring program.
- 16 The data that we use from the groundwater
- 17 monitoring helps us delineate plumes, groundwater
- 18 plumes. It helps us tell us what chemicals of concern
- 19 remain there and what the concentrations are. And that,
- 20 coupled with the other data that we gather, helps us
- 21 generate a groundwater map that tells you what's there
- 22 and the groundwater direction flow.
- 23 From that you can determine the shape and size
- 24 and characteristics of your sites, and that gives you a
- 25 better idea of how to go about environmental cleanup and

- 1 anything else that needs to be done.
- 2 MS. ASHER: Okay. So we'll frame it like that.
- 3 Okay. Thank you.
- 4 MR. FORMAN: Sure.
- 5 MS. MENACK: I think I can address that
- 6 somewhat. I'm Julie Menack from the Water Board. I'm a
- 7 hydrogeologist, one of the regulators that will be
- 8 reviewing the monitoring plan, but just wanted to -- I
- 9 want to say some things about the -- about how we have
- 10 been working with the Navy to develop this plan over the
- 11 past year.
- 12 We haven't had a chance to review it. So I
- 13 really can't comment on the details at this point.
- 14 But I want to just get back to your question
- 15 where you're asking a question about will the type of
- 16 groundwater dictate development for the site.
- 17 At this site, groundwater is not really
- 18 potable. It's not -- It cannot be really used for
- 19 drinking water. We have made a determination that the
- 20 A-aquifer has -- is basically not usable for drinking
- 21 water for a couple of reasons.
- One, it's too saline in a lot of places.
- 23 There's a lot of -- too much tidal influence from the
- 24 bay.
- Number 2, the groundwater flow rate does not

- 1 meet our criteria to allow it to be used for drinking
- 2 water in a lot of cases.
- 3 So really, on this site -- and it's different,
- 4 because on other cleanup sites, you're right, there --
- 5 you would be looking at, you know, determining could
- 6 this be used for residential, could the water be, you
- 7 know, pumped out of the ground.
- 8 But generally, at sites that ring the bay, it's
- 9 not that much of a consideration, especially since water
- 10 does -- our drinking water does not come from the ground
- 11 around here.
- 12 And in this particular case, we have notation
- 13 of the quality of the water is very poor and can't
- 14 really -- right out of the ground. So it's really a non
- 15 issue at this site.
- 16 But the purpose of the groundwater monitoring
- 17 program is more to determine what should be granted.
- 18 Our concerns for cleanup, if you eliminate the drinking
- 19 water aspect of it, are st- -- there are still -- our
- 20 concerns are the impacts to waters of the state.
- 21 And groundwater can move into the bay. There
- 22 are locations where there might be impacted groundwater
- 23 that might be in -- connected to the bay. That would be
- 24 generally very close to the bay on the site. It may not
- 25 be in some of the higher-up areas.

- 1 So maybe we'll, you know, do a presentation on
- 2 this whole topic at some time later and discuss that
- 3 with the Navy a little bit. But do you guys have
- 4 anything to add?
- 5 But I think that was what she was asking about.
- 6 MR. BROOKS: The groundwater monitoring plan
- 7 doesn't really affect the development. So I think
- 8 that's going to sum it up.
- 9 MS. MENACK: Basically. It's not really a
- 10 development issue.
- 11 MS. PENDERGRASS: Okay.
- MS. MENACK: There might be soil issues that
- 13 might affect development, but groundwater's kind of
- 14 an --
- 15 MS. PENDERGRASS: All right. Thank you. Going
- 16 around the table, did anybody else here have questions?
- 17 MR. BROWN: I had one question.
- 18 MS. PENDERGRASS: Lynne had a question and then
- 19 we'll continue on.
- 20 MR. BROWN: Yes. I like to say the depth o- --
- 21 the depth over in Parcel B in IR-18 and IR-07 is not
- 22 that deep over here.
- So, like, in 1998 when we had El Nino, it
- 24 rained all the way down, and the water was -- I mean,
- 25 there was water everywhere over there.

- 1 So how would that -- how --? What can you do
- 2 when people are over here to prevent that? You know,
- 3 because El Nino will be back again. So what will we do
- 4 then? Thank you.
- 5 MR. FORMAN: Wow, that's -- okay.
- 6 MR. BROWN: That's a question.
- 7 MR. FORMAN: Yeah, that's -- that's a good
- 8 question. I'm not -- I'm not a developer, not even
- 9 close.
- 10 Well, I think what you're talking about is the
- 11 ponding that probably occurred because 07 and 18 after
- 12 it was excavated is left as kind of a naked soil, you
- 13 see.
- 14 Since then it's been -- it's compacted down in
- 15 areas, but there's a lot of water that comes off.
- 16 Ponding will occur.
- 17 They will have to -- I'm guessing that -- that
- 18 anybody that develops all of that property in Parcel B
- 19 will have to take that into account, especially because
- 20 when you develop, you pave for surfaces; and when you
- 21 pave for surfaces, there's more surface runoff that
- 22 doesn't go into the ground but rather ponds and gathers,
- 23 and it creates a problem that's going to have to be
- 24 engineered.
- MS. PENDERGRASS: Okay.

- 1 MR. FORMAN: But that is something that they
- 2 are going to have to do as they develop the base. They
- 3 are going to have to take that into account.
- 4 MS. MENACK: I have one more really quick
- 5 point. This has to do with groundwater issues affecting
- 6 development, and that has to do with human health. I
- 7 kind of forgot about that.
- 8 In situation where you have these organic
- 9 chemicals that were being discussed in terms of the
- 10 monitoring of chlorinated solvents, if the
- 11 concentrations of chlorinated solvents are high in
- 12 groundwater, there would be a concern for building on
- 13 top of them.
- 14 And I -- the Navy is very concerned about that,
- 15 I believe, and, you know, looking at obviously that
- 16 would limit, for example, putting a residential house on
- 17 top of certain concentrations of chlorinated solvents.
- 18 And that's why they're going after and trying to clean
- 19 these sites up so that that would not -- that could not
- 20 occur. So groundwater could affect development in that
- 21 way as well.
- MS. ASHER: Thank you.
- 23 MS. SUMCHAI: I think I can talk about --
- MS. PENDERGRASS: Just one moment. We have a
- 25 question here first.

- 1 MS. LAULU: Okay. Getting the -- let's see.
- 2 On -- on this -- on this page here where it has 20 and
- 3 40 feet thickness and then along the -- with the
- 4 hydrotechnology of the -- you know, where it just --
- 5 MS. PENDERGRASS: Yeah.
- 6 MR. FORMAN: Do you want to see that again?
- 7 MS. LAULU: Yeah.
- 8 MR. FORMAN: Okay.
- 9 MS. PENDERGRASS: What was your question?
- 10 MS. LAULU: Okay. Given -- given all these
- 11 figures, do you have an estimated time as to how long it
- 12 would take to clean up?
- 13 MR. FORMAN: To clean up --
- MS. LAULU: To clean up the area that are
- 15 affected.
- MR. FORMAN: Oops. To clean up Parcel E?
- 17 Because this is -- this is only Parcel E.
- MS. LAULU: Right, to clean up Parcel E.
- 19 MR. FORMAN: I believe we are looking -- the
- 20 latest time line on Parcel E being finished was 2010,
- 21 yes.
- 22 MS. SUMCHAI: I -- I just wanted to raise one
- 23 issue that is brought up in the Parcel A ROD by the
- 24 Department of Public Health with regard to groundwater
- 25 monitoring for contaminants and a potential for

- 1 accessibility by the wells. There was repeated emphasis
- 2 on -- you know, on -- on what to do with the wells.
- 3 And, you know, from the standpoint of what a
- 4 child can access, what a pet, you know, can access, you
- 5 know, I think that the -- the fact that there are open
- 6 wells that are conduits to groundwater that has
- 7 significant contaminants in it is very, very important.
- 8 And I -- I was also impressed in review of the
- 9 Parcel A ROD and just using this as analogy with all of
- 10 the other parcels that the contamination by petroleum
- 11 products was frequently not focused on because there
- 12 were some clauses or some legal exclusions that required
- 13 or -- or that allowed petroleum products to remain as
- 14 contaminants without having to be addressed. Is -- is
- 15 that -- is that still -- is that still an issue?
- MR. BROOKS: Let me -- let me try and get those
- 17 one at a time. And first of all, I think you talked
- 18 about the wells that are on Parcel A and maybe the wells
- 19 that are on the other par- --
- MS. SUMCHAI: Yes.
- 21 MR. BROOKS: -- -cels as well.
- The wells that were existing on Parcel A, we
- 23 had a contractor go out and overdrill those and fill
- 24 those up with cement grout. So those are no longer in
- 25 existence on Parcel A.

- On the other parcels, you know, like Glenn
- 2 said, we have 500 monitoring wells on -- on the
- 3 Shipyard.
- 4 The monitoring wells, they come in two styles.
- 5 Either they are -- they're flush mounted with the
- 6 ground, the concrete pad and a bolted-down cover and
- 7 then a locked cap to get into that well. So they are
- 8 pretty secure.
- 9 The other type are a stand-up type, usually 6
- 10 to 8 inches in diameter, and those are locked from the
- 11 outside and then locked again on the inside. So all the
- 12 wells are secure.
- 13 And as far as the petroleum contamination,
- 14 that's not listed as a CERCLA contaminant, so we --
- 15 we -- we -- we still monitor it, but they are in
- 16 different programs. They are in what we call the -- the
- 17 Petroleum Program, and which -- yeah, I know. We worked
- 18 hard on that.
- Jose Payne, he's the project manager for the
- 20 Petroleum Program. And so if you'd like -- if you'd
- 21 like a presentation sometime just on the petroleum
- 22 contamination or maybe like we did tonight, a tandem
- 23 presentation on the CERCLA contaminants and the
- 24 non-CERCLA contaminants, we can do that. But we're
- 25 tracking both. We are tracking both of them.

- 1 MS. SUMCHAI: But what is the standard for
- 2 cleanup of the petroleum product? How is it --?
- 3 MR. BROOKS: Well, you know, each constituent
- 4 has its own -- its own different criteria, and I -- I
- 5 just suggest that perhaps we either address that in a
- 6 Technical Subcommittee or another -- another forum like
- 7 tonight in front of the full RAB. But we could do that.
- 8 MR. FORMAN: Yeah. That might be a good
- 9 suggestion. We have -- We don't talk -- Because we
- 10 have such limited time, we don't talk about the
- 11 non-CERCLA side of the program and everything that we
- 12 are doing and everything the regulators -- in
- 13 particular, the Water Board -- has to do with these
- 14 non-CERCLA programs. In this case, we would probably
- 15 need a good subcommittee meeting to go over that.
- 16 There's a whole separate document. The CERCLA
- 17 Record of Decision handles CERCLA. On each parcel, we
- 18 will have a corrective action plan, a CAP. So the
- 19 Parcel B, C, D, and E CAP is where we address the
- 20 petroleum problems and how -- and how -- what level we
- 21 are going to clean up to and things like that.
- 22 And we probably should find time to do that.
- 23 We -- we just need the proper time to do that, and it
- 24 might be a great idea for a Technical Subcommittee
- 25 meeting in the future --

- 1 MR. BROWN: Right.
- 2 MR. FORMAN: -- to just address the Petroleum
- 3 Program, because it's a -- it's a large one and a
- 4 complex one and --
- 5 MS. PENDERGRASS: Okay. Let's -- let's --
- 6 MR. FORMAN: -- spent a quite a bit of time on
- 7 it.
- 8 MS. PENDERGRASS: I don't want to cut you off,
- 9 but I want to get to the last questions --
- 10 MR. FORMAN: Sure.
- 11 MS. PENDERGRASS: -- about the presentation.
- 12 Mr. Da Costa has one at this point, at this moment.
- MR. DA COSTA: Yeah. What I want to say is, at
- 14 one time, there were two hills over there that were
- 15 crushed. And in crushing the hills and then using it in
- 16 the landfill, a lot of magnesium and serpentine rock was
- 17 crushed. We have to keep this in mind.
- 18 A lot of the chemicals and the radiological
- 19 waste that have sit into the groundwater cannot be
- 20 relegated just to Parcel B, C, D, you know. A lot of it
- 21 is under Parcel A.
- MS. PENDERGRASS: What's the question, Mr. Da
- 23 Costa?
- MR. DA COSTA: My question is coming.
- MS. PENDERGRASS: Thank you.

- 1 MR. DA COSTA: And therefore, my question is
- 2 that unlike what you have heard today from some experts,
- 3 the community is concerned about quality-of-life
- 4 standards, whether they are underground or overground.
- 5 In -- in this techno- -- technological age, they
- 6 interact. And therefore, any contamination, whether
- 7 it's underground or overground, affects the whole area.
- 8 So my question is -- this is just an
- 9 experiment, you know. It hasn't been done in a
- 10 scientific manner in too many spaces.
- 11 My question is: What standards are you going
- 12 to be using -- scientific standards are you going to be
- 13 using to bring back to the RAB?
- MS. PENDERGRASS: Thank you.
- MR. CHRISTENSEN: Scientific standards.
- MR. FORMAN: Wow.
- 17 MR. CHRISTENSEN: We have --
- MS. PENDERGRASS: Can you speak up,
- 19 Mr. Christensen?
- 20 MR. DA COSTA: What I'm concerned is, I don't
- 21 like -- pictures are nice. Descriptions are nice. But
- 22 what I'm concerned about is imperative -- empirical
- 23 data.
- MR. CHRISTENSEN: Okay.
- MR. DA COSTA: I am concerned about that.

- 1 MR. FORMAN: Yeah. Well, another good topic
- 2 and something that I could probably talk on until you
- 3 all fell asleep, but I won't do that.
- 4 The process -- the process -- The way it works
- 5 is: There are many, many requirements on many levels,
- 6 as you know, federal, state, and sometimes local or
- 7 regional. And collectively these are known as
- 8 Applicable Relevant and Appropriate Requirements,
- 9 A-R-A-R-s, ARARs.
- 10 And ARARs are -- are tracked. And the part --
- 11 One of the many functions of the regulators are to
- 12 ensure that the party involved -- in this case, the
- 13 Navy -- has to apply those ARARs and apply them
- 14 correctly, depending on what the ARAR or the requirement
- 15 is. So there's a huge process that -- that goes into
- 16 that.
- 17 And the documents to look at for that is the
- 18 RIs, the remedial investigations, the feasibility
- 19 studies, the FS's, and then everything that follows on
- 20 from that, like a proposed plan and the Records of
- 21 Decision.
- 22 But it's a -- the standards that are applied
- 23 are those that are promulgated. In other words, there
- 24 are regulations; there are laws; they are announced;
- 25 they are on the books. And those are the ones that

- 1 are -- are looked at in what they call the ARARs part of
- 2 our CERCLA documents. And that's what the Navy is held
- 3 to.
- 4 And just to make sure that everything goes the
- 5 way it should, you have -- regulatory agencies, each
- 6 with their own different perspective and each with their
- 7 own part of those ARARs that they either are the
- 8 enforcer of or the originator of, in some sense, play a
- 9 role in ensuring that ARARs are then -- you clean up to
- 10 ARARs using ARARs, and then -- and then you measure to
- 11 those standards to ensure that you're proper and
- 12 successful in doing that. So . . .
- MS. PENDERGRASS: So the answer to the question
- 14 is that yes, there is empirical standards that are part
- 15 of the record.
- MR. DA COSTA: No, no.
- 17 MS. PENDERGRASS: That's what -- that's what --
- 18 MR. DA COSTA: No.
- MS. PENDERGRASS: -- he just said.
- 20 MR. DA COSTA: The empirical data is one thing,
- 21 okay?
- MS. PENDERGRASS: Their standards --
- MR. DA COSTA: And -- and standards are
- 24 different.
- MS. PENDERGRASS: Right.

- 1 MR. DA COSTA: So what Mr. Forman tried to
- 2 explain in his explanation is that the Navy has some
- 3 standards, but he'll -- those standards will have to be
- 4 held up to other standards by the regulatory agencies.
- 5 And -- and we, the community, will be monitoring that.
- 6 MS. PENDERGRASS: Okay. Thank you.
- 7 Did we have one more question here? Yes.
- 8 MS. SANTANA: Yeah. My question has to do with
- 9 your study and your flows, your flows of water and, of
- 10 course, the flow of contaminants.
- 11 The couple of questions that I had in there,
- 12 one thing, for -- for example, the A-aquifer, because it
- 13 contains particles in size all the way from clay in
- 14 smallest to boulders which are the largest, it might be
- 15 considered that there's a fair amount of space for
- 16 movement in there since you have some pretty big
- 17 particles in there as well.
- 18 And the other thing is that since you've got a
- 19 tremendous amount of -- of movement because of the ebb
- 20 and flow of tides, I'm just -- I'm just wondering
- 21 whether you are taking sufficient account from the --
- 22 to -- to the -- the possibility that movements are going
- 23 to be kind of back and forth, maybe even all over the
- 24 place and not in just one direction, as well as, of
- 25 course, a cumulative or interactive effects of the

- 1 various contaminants that you're looking at.
- 2 MR. BROOKS: I guess in the Parcel -- E --
- 3 Was it the "E" groundwater data gaps report
- 4 where we reported on the tidal studies, do you recall,
- 5 Julie?
- 6 MS. MENACK: Yeah.
- 7 MR. BROOKS: It's "E." Okay.
- 8 We did -- we did tidal studies. We monitor the
- 9 rise and fall of the tide, and then we also monitor the
- 10 rise and fall of water levels in the wells.
- 11 So if the rise and fall of the water level in
- 12 the wells is matching the tide, excuse me, then we say
- 13 that -- we say that these wells have a high tidal
- 14 efficiency. And so in that way, we are able to monitor
- 15 where the tide has the greatest effect in the A-aquifer.
- And there's some places in the A-aquifer for
- 17 the other part of your question where if you do have
- 18 these large boulder-size particles, then you do have the
- 19 opportunity for a lot of flow. Now, if you mix the
- 20 boulders in with a lot of clay and sand and stuff; and
- 21 it's maybe counterintuitive, but in that case, it's
- 22 really very poor water-producing unit, and the
- 23 permeability is -- is usually not that good.
- But in some cases, like there's a spot over on
- 25 Parcel C by Building 231 where there's a lot of just

- 1 plain old boulder fill, and we have real high tidal
- 2 efficiency out there. And so that's something that we
- 3 recognize. That's something that we monitor. And
- 4 that's something that we account for when we help design
- 5 our -- our remedial -- our cleanup technologies.
- 6 MS. SANTANA: I was thinking that because the
- 7 B-aquifer, sand, silt, and clay, is said to be
- 8 permeable. If your A-aquifer has sand, silt, clay, and
- 9 boulders, it should be probably most permeable as well.
- 10 MR. BROOKS: Yeah, and you'd think that, but
- 11 really it's -- it goes counterintuitive. If you get an
- 12 aquifer composed of all different particle sizes,
- 13 generally the permeability is not that good. You would
- 14 like to have an aquifer that has kind of uniform but
- 15 larger particle sizes that gives you good water produce.
- 16 Like, if you have a nice aquifer of even fine
- 17 sand, a nice aquifer of fine sand is good. If you get
- 18 an aquifer of fine sand, coarse sand, and clay, it can
- 19 be not worth a nickel.
- 20 MS. PENDERGRASS: All right. Thank you for
- 21 that. And we get to close that presentation. We have
- 22 just one more thing to do.
- Do we have any other questions from the
- 24 audience at this point? Because we didn't -- we didn't
- 25 take any of those at this point.

- 1 All right. Thank you. Thank you.
- 2 (Applause.)
- 3 MR. BROOKS: Mick Jagger.
- 4 MS. PENDERGRASS: All right. Now, we have five
- 5 minutes left before we need to conclude our meeting. So
- 6 we are going to just do one thing, since this is our --
- 7 our last meeting of 2000 and -- what is this? -- 2003.
- 8 So if -- Debra, can you take the easel pad with
- 9 a pen and if we want to make sure we get agenda items or
- 10 topics that we need to discuss on the agenda for next
- 11 year, we need to do that. And I understand that
- 12 Mr. Brown has a closing announcement he'd like to make
- 13 as well as Mr. Tisdell, or vice versa.
- MR. BROWN: Let Keith go first.
- MS. PENDERGRASS: All right.
- So Mr. Tisdell, before we start, would you like
- 17 to make a closing remark?
- 18 MR. TISDELL: Yeah. The information fair that
- 19 the Navy gave, it was very informative, and I like to
- 20 thank them for myself 'cause a lot of things was
- 21 explained to me from different -- from different parcels
- 22 on how it went. But if you missed it, you missed a good
- 23 one.
- 24 (Applause.)
- MS. PENDERGRASS: All right. We already had a

- 1 couple things that I'm sure Mr. Keichline has already
- 2 got in his notes in terms of agenda items, groundwater,
- 3 I think those kinds of things that we just talked about.
- 4 Any other topics that we need to add to the
- 5 agenda for next -- starting the upcoming year?
- 6 Mr. Campbell?
- 7 MR. CAMPBELL: As the CAC representative and
- 8 the RAB representative --
- 9 MS. PENDERGRASS: Yes, sir.
- 10 MR. CAMPBELL: -- I would like to get
- 11 clarification on what A 1 B 1 prime -- what
- 12 Redevelopment defines it as, what the Navy think of it
- 13 as, so the community can be clear, the Navy can be
- 14 clear, and the RAB members can be clear. Thank you.
- MS. PENDERGRASS: Okay. So with -- with that,
- 16 who would you -- who would you -- who would you pinpoint
- 17 as the person that would be --?
- MR. CAMPBELL: Don Capobres.
- MS. ATTENDEE: Don.
- 20 MS. PENDERGRASS: Okay. So -- okay. So we
- 21 need a Redevelopment Agency presentation, and then you
- 22 could give him the parameters of what you want him to
- 23 talk about.
- 24 MR. CAMPBELL: Well, I -- I think it's a formal
- 25 request from the RAB, since it affects the community.

- 1 MS. BROWNELL: I will make sure he gets it.
- 2 MR. CAMPBELL: Thank you.
- 3 MS. PENDERGRASS: Very good. Thank you.
- 4 All right.
- 5 MR. KEICHLINE: Will that be a action item or a
- 6 presentation topic?
- 7 MS. PENDERGRASS: What we'd like -- what we're
- 8 doing now is -- is listing what we'd like as
- 9 presentations in areas that we discuss so that they are
- 10 not crammed into just a question with no answer, okay?
- 11 All right. Anything --? Any --
- 12 Okay. Miss Franklin?
- MS. FRANKLIN: Yeah. I want to say that --
- MR. MASON: Give her the mike. Give her the
- 15 mike.
- MS. PENDERGRASS: There's a mike right there.
- MS. FRANKLIN: I want to say, it seems to me
- 18 that our work is not complete. I think we need to --
- 19 Once we -- drilling all those wells and evaluating
- 20 monitoring, et cetera, I think we need to complete, you
- 21 know, what we are doing. When those monitoring sessions
- 22 are over, we should be able to evaluate or call someone
- 23 in to evaluate to find out what is feasible for that
- 24 particular land, because we don't know where we going,
- 25 you know, what we have done.

- 1 So I think we need -- when we leave -- the RAB
- 2 leaves, I want us to be advising whoever is going to
- 3 develop that land on what to build and what not to
- 4 build, and I think that we will feel more worthy of what
- 5 we are doing here.
- 6 MS. PENDERGRASS: So what is your suggestion,
- 7 Miss Franklin?
- 8 MS. FRANKLIN: I'm suggesting that, for
- 9 instance, on Parcel E where that benzene is, we need to
- 10 know how -- we need to really explore how long it's
- 11 going to take to, you know, breed that out, how much
- 12 time we will need to clear the area before there's
- 13 habitation there or new development or whatever.
- But the thing is, we need to say, okay, whether
- 15 or not we should build a grocery store there. We need
- 16 to have a final say, because I've heard Keith say, "No,
- 17 we are not going to say what to tell them." But this
- 18 lady over here say, "Yeah, we need to say what to buy."
- 19 That's not clear to me.
- 20 MS. PENDERGRASS: Okay. I -- I hear what you
- 21 just said. But what I'm asking you right now is: What
- 22 do you -- what do you --? What would you call that type
- 23 of discussion?
- MS. FRANKLIN: I w- --
- 25 MS. PENDERGRASS: What would the -- what would

- 1 the RAB be discussing?
- 2 MS. FRANKLIN: The RAB would continue -- would
- 3 conclude its business, bring closure to each discovery,
- 4 each monitoring process, everything from A to Z. We
- 5 need to know so we can report it to whomever is
- 6 interested in the property. We need to have that
- 7 before -- When they do the EIR, our report, you know --
- 8 MS. PENDERGRASS: Okay.
- 9 MS. FRANKLIN: -- should be there in order to
- $10\ \mathrm{produce}$  a legal document from the findings that we are
- 11 doing here.
- MS. PENDERGRASS: Maybe Mr. Forman can answer
- 13 that.
- 14 MR. FORMAN: Yeah. I just -- Marie, I think
- 15 we all agree with you on that. And -- and hopefully in
- 16 the coming months, we can educate you on what the
- 17 process is. There's a process in place.
- 18 And the answer to those questions i- -- well,
- 19 first of all, what -- where will you see the data and
- 20 evaluate the data? There will be quarterly -- there's
- 21 quarterly monitoring with quarterly reports that will
- 22 come out. Every year there will be an annual report
- 23 that compiles all that information and gives
- 24 recommendations to the regulators and to the community
- 25 about what to do next.

- 1 When it comes to cleaning up, that will be --
- 2 that is explored -- the alternatives are explored in
- 3 these things called feasibility studies, and we will
- 4 teach you more about the process in those documents.
- 5 And those feasibility studies are where you
- 6 analyze each of the cleanups and take everything --
- 7 different factors into account, and we'll show you more
- 8 about those as they come out. And that's really your
- 9 opportunity then to comment and to be part of the
- 10 process.
- 11 MS. PENDERGRASS: Well, so -- and so let me ask
- 12 you a question now, Mr. Forman. Can --? Is there a way
- 13 to have you all give a presentation on what these actual
- 14 steps are and when the RAB will weigh in on what parts
- 15 of that? Because it seems like there's a different one
- 16 for each site of information.
- 17 MR. FORMAN: Yeah. Again -- okay. Well, we
- 18 can -- we can give a class in -- in something like
- 19 CERCLA 101, the -- the basics of what the documents are
- 20 and what the process is. We can do that.
- 21 I think that's probably better. Because it's
- 22 more of an interactive almost classroom atmosphere, it
- 23 would be better done in subcommittee. But I'm willing
- 24 to do that at any time, to -- to go into that.
- 25 MS. PENDERGRASS: Okay. Miss Franklin feels

- 1 like --
- MS. FRANKLIN: That's not what I'm saying. I'm
- 3 not interested in doing 101 exploratory explanation.
- 4 What I'm saying is that the RAB to me is not
- 5 effective in -- in producing a document -- document on
- 6 the end of its work. That is not only for me -- I don't
- 7 need to learn a process -- but for everybody, to become
- 8 a public document that's registered with the
- 9 Redevelopment Agency or whoever and that can direct the
- 10 public of what and what not to develop on the land.
- 11 You see, that is not being done. If it was,
- 12 then we would know what we're going to do with "E." And
- 13 this lady -- you know, I'm sorry. I didn't get her
- 14 name. She would be able to say, what's going to happen?
- 15 Can we build a school on Parcel E where the benzene is,
- 16 for example, once it's been excavated out of there,
- 17 however you plan to take it out? We need to know a
- 18 final decision as to what is -- can and cannot be done
- 19 with the land.
- 20 MR. FORMAN: Okay. All right. And --
- 21 MS. FRANKLIN: Not me personally. Everybody.
- MR. FORMAN: I understand. And there's a
- $23\ \mbox{couple}$  different documents that will allow you to do
- 24 that.
- One of them is -- There's -- Every local

- 1 reuse authority has a redevelopment plan, and this
- 2 community has a redevelopment plan as well.
- 3 So you have to read the redevelopment plan, and
- 4 that lays out for you what the -- what the government's
- 5 plan, the city government and the local reuse
- 6 authority's plan, for redevelopment is.
- 7 The other document that you'll look at at the
- 8 very end of the process that you're talking about is
- 9 called a Finding of Suitability to Transfer, an F-O-S-T,
- 10 a FOST, document. And that comes out one parcel at a
- 11 time for the public, and -- and it explains it all.
- 12 And it -- between those two documents, the FOST
- 13 from the Navy and the Redevelopment Agency's
- 14 redevelopment plan, those are the two things that come
- 15 together that really tie up the loose ends.
- MS. PENDERGRASS: All right. We have a couple
- 17 other things, and then we are -- we're going to
- 18 conclude.
- 19 Is there anybody else after --? We have
- 20 Mr. Tompkins and then Miss Pierce and if anybody else
- 21 wanted to add anything to agenda items. All right.
- MR. TOMPKINS: I have a question for -- okay.
- 23 First, topics I'd like to have discussed and follow-up
- 24 for next year as well, one, I like -- one, first
- 25 reinforce the importance of Mr. Campbell's statement of

- 1 a common operational definition between the City and the
- 2 federal government in terms of language and linguistics.
- 3 MS. PENDERGRASS: Okay. We have that up there.
- 4 MR. TOMPKINS: As an action item so then they
- 5 have a common vocabulary in terms of same things between
- 6 both parties --
- 7 MS. PENDERGRASS: Okay.
- 8 MR. TOMPKINS: -- because for the example I'd
- 9 like to have excluded from presentation in the future,
- 10 I'd like straight talk in terms of presentation and  $% \left( 1\right) =\left( 1\right) \left( 1\right$
- 11 reports.
- 12 An example what I'm talking about is when we
- 13 had the methane gas and the failure in the barrier,
- 14 instead it was caused -- talked about in communication
- 15 as an adjective to describe the penetration of the
- 16 barrier, the failure of the barrier. That's
- 17 inappropriate. We are playing with semantics, and it
- 18 added confusion. Gas doesn't talk.
- 19 Secondly, I'd like a full and complete
- 20 explanation of it and a resolution.
- 21 And also, what about the sources and -- of the
- 22 methane gas being produced and removal action on that
- 23 item --
- MS. PENDERGRASS: Okay. So --
- 25 MR. TOMPKINS: -- as an item for next --

- 1 MS. PENDERGRASS: Okay. So Dr. Tompkins --
- 2 MR. TOMPKINS: -- for the following year?
- 3 MS. PENDERGRASS: -- I -- I hear what you're
- 4 saying.
- 5 MR. TOMPKINS: Two issues.
- 6 MS. PENDERGRASS: Okay. So there's two issues
- 7 on the table.
- 8 What we're talking about right now, though, and
- 9 what Mr. Campbell had added to the -- to the table here
- 10 is that we are trying to get some agenda items that you
- 11 all want to talk about that get presentations around,
- 12 because an action item means that someone goes out,
- 13 finds out the information, and comes back and reports
- 14 it. But if it's a presentation, then someone gets
- 15 together, presents that, and then there's a open
- 16 discussion in learning about that information.
- 17 MR. TOMPKINS: Okay.
- 18 MS. PENDERGRASS: So I think we have
- 19 underscored what Mr. Campbell said about the definitions
- 20 between what the Navy's talking about and what
- 21 Redevelopment's talking about.
- Now, the methane gas issue is -- in terms of
- 23 resolution of that particular process or --
- MR. TOMPKINS: Process --
- MS. PENDERGRASS: Is that what you're talking.

- 1 About?
- 2 MR. TOMPKINS: -- as well, yes.
- 3 MS. PENDERGRASS: Okay. No. That should
- 4 happen -- That -- that discussion should be happening
- 5 in a subcommittee.
- 6 MR. FORMAN: Yes.
- 7 MR. TOMPKINS: I'm asking for an add -- an item
- 8 so it's placed up for next year one of the issues.
- 9 Third issue, which was also mentioned in
- 10 presentation which actually falls in the Economics
- 11 Committee, is that we are having all this money being
- 12 spent, and I'm -- hear verbalization about impact of the
- 13 community.
- 14 I'd like to see some hard figures in how many
- 15 people are being employed and at what levels and
- 16 ethnicity and gender.
- MS. PENDERGRASS: So there -- there would be an
- 18 economic development or an economic kind of presentation
- 19 on what this all means, the work means. Does that kind
- 20 of sum it up for you?
- MR. TOMPKINS: Yes, ma'am.
- MS. PENDERGRASS: All right.
- Did you get that -- that? Economic --
- 24 Presentation on the economics of the money spent toward
- 25 the cleanup.

- 1 MR. TOMPKINS: No, no. I had very definitive
- 2 categories --
- 3 MR. BROWN: The environment.
- 4 MS. PENDERGRASS: Okay.
- 5 MR. TOMPKINS: -- of what -- in terms of gender
- 6 and ethnicity and at what level people are being
- 7 employed at.
- 8 MS. PENDERGRASS: Okay. You can -- you can
- 9 direct that, and we'll get to that point.
- 10 Miss Pierce?
- 11 MS. PIERCE: I -- I'm not going to restate what
- 12 Marie has demanded, because I may not be saying the same
- 13 thing.
- MS. PENDERGRASS: Okay.
- 15 MS. PIERCE: But I believe that I'm expanding
- 16 on -- on what she's asking for, and that is that we need
- 17 to have a full discussion of exactly what Keith
- 18 described, because Prop P was addressing exactly that.
- 19 The plan that Redevelopment develops should not
- 20 be the driver in how this is cleaned up. It should be
- 21 cleaned up to a standard that is acceptable to the
- 22 community whether or not Redevelopment has ideas about
- 23 what's going to be used. So I want to put that on the
- 24 agenda for a full discussion.
- MS. PENDERGRASS: Okay. Very good. So a

- 1 full -- full discussion about usage --
- 2 MS. PIERCE: Which comes first.
- 3 MS. PENDERGRASS: -- right?
- 4 MS. PIERCE: Yeah, about cleanup levels --
- 5 MS. PENDERGRASS: Cleanup levels. Cleanup
- 6 levels and usage.
- 7 MS. PIERCE: -- and what determines the cleanup
- 8 level.
- 9 MS. PENDERGRASS: Right. Okay.
- 10 MS. PIERCE: Okay.
- 11 MS. PENDERGRASS: All right. Cleanup levels
- 12 and their determination. Okay.
- 13 Final --
- 14 MS. RINES: I -- I got a question. It's going
- 15 to be a clarification about an agenda item 'cause these
- 16 are things that Don Capobres has got to bring up. He
- 17 was going to bring at the next meeting the term sheet
- 18 about the -- the SFPD. Now --
- MR. BROWN: Seven thousand dollars.
- 20 MS. RINES: There's no way that we can get that
- 21 all of that done.
- MR. BROWN: No.
- MS. PENDERGRASS: Oh, no, no, no.
- MR. BROWN: That --
- 25 MS. PIERCE: This is -- this is over the year.

- 1 MS. PENDERGRASS: This is over next year.
- 2 MS. RINES: That's all I wanted to know.
- 3 That's all I wanted to know.
- 4 MS. PENDERGRASS: Can't get it all done at the
- 5 next meeting. Okay. Yeah, got it.
- 6 MR. BROWN: I got one thing. Just a bit.
- 7 For one thing, we want to know about the
- 8 manganese out there still. We going to have to fight
- 9 that with that one out there where Parcel C IR-28 where
- 10 it's real high and also the hundred thousand gallons of
- 11 petroleum that's out here at IR-18. There's another
- 12 thing we would like to investigate. Right? She knows.
- MS. PENDERGRASS: All right.
- MR. TOMPKINS: Right. Manganese based on what,
- 15 though? On whose standards?
- MR. BROWN: On a 35-year-old.
- 17 MR. TOMPKINS: Thirty-five-year-old white male
- 18 or African-American --
- 19 MS. PENDERGRASS: All right. Okay. Okay.
- 20 MS. PIERCE: I'm going to move to adjourn.
- 21 MS. PENDERGRASS: Okay. We have a motion that
- 22 the meeting be adjourned, and I'm going to second it and
- 23 move it. So thank you for --
- MR. TOMPKINS: Happy new year.
- 25 (Off record at 8:10 p.m., 12/4/03.)

## CERTIFICATE OF REPORTER

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